

Samsung GALAXY S[®] III

A N D R O I D S M A R T P H O N E

User Manual

**Please read this manual before operating your
phone and keep it for future reference.**



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Section 1: Getting Started

This section allows you to quickly start using the Samsung GALAXY S III phone by installing an optional microSD card (not included), installing and charging the battery, activating your service, and setting up your voicemail account.

Understanding This User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 165.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Note: Instructions in this manual are based on default settings, and may vary from your phone, depending on the software version on your phone, and any changes to the phone's Settings.

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone or keypad. For more information, refer to *"Securing Your Phone"* on page 15..

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Special Text

In this manual, you'll find text that is set apart from the rest. This special text is intended to point out important information, to share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods or useful shortcuts.
- **Example:** Provides an example of the feature or procedure.
- **Important:** Provides important information about the current feature that could affect performance.
- **Caution:** Provides information to avoid possible damage.
- **Warning:** Brings to your attention important information to prevent loss of data or functionality or even to prevent damage to your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

- Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

Example: "Press  Home, then touch  Menu → Settings →  Connections → Wi-Fi."

Setting Up Your Phone

Before using your phone, install an optional microSD memory card (not included) and the battery into their respective internal slots and compartments.

Important! Before removing or replacing the battery cover, make sure the phone is switched off.

Removing the Battery Cover

1. Locate the cover removal opening.
2. Place your fingernail in the opening and pry the cover away from the device.

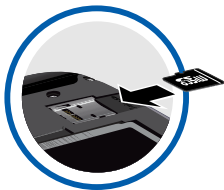
Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.



Installing a Memory Card

This phone lets you install an optional microSD™ (SD) or microSDHC™ memory card (not included) to expand available memory to store images, videos, music, applications, and data.

1. Remove the battery cover. For more information, refer to *"Removing the Battery Cover"* on page 6..
2. Locate the microSD card slot on the bottom inside of the phone.
3. With the gold contacts facing down, carefully slide the memory card into the slot (as shown), pushing gently until the memory card clicks into place.



Important! Be sure to align the gold contact pins on the memory card with the phone's contacts.

Removing a Memory Card

Important! Unmount the memory card before removing it from the phone to prevent damage to information stored on the optional memory card (not included). For more information, refer to *"Unmounting the Memory Card"* on page 35..

1. Remove the battery cover.
2. Firmly press the optional memory card (not included) into the slot and carefully release it. The card should pop partially out of the slot.
3. Remove the card from the slot.
4. Replace the battery cover. For more information, refer to *"Replacing the Battery Cover"* on page 9..

Battery

This phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) is included with the phone for charging the battery.

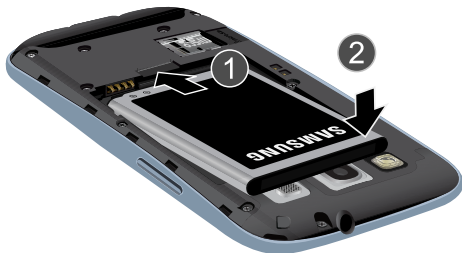
Note: This phone is shipped with the battery partially charged. Please charge the battery fully before using the phone for the first time.

After the first charge, you can use the phone while charging.

Installing the Battery

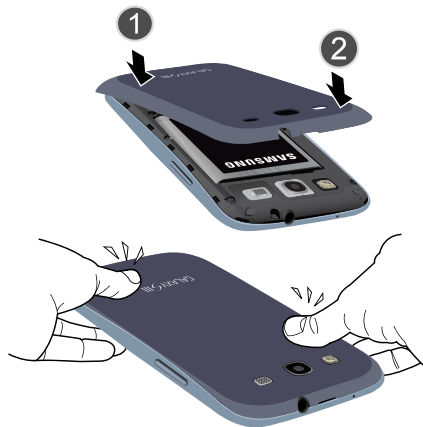
1. Remove the battery cover. See “*Removing the Battery Cover*” on page 6..
2. Slide the battery into the compartment (1) so that the tabs on the end align with the slots at the bottom of the phone. Ensure that the connectors align.

3. Gently press down to secure the battery (2).



Replacing the Battery Cover

- Align the cover (1) and press it firmly into place (2), ensuring that the cover snaps into place at the corners.



Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Charging the Battery

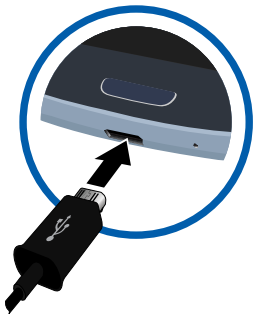
Your device is powered by a rechargeable Li-ion battery. A battery charger is included with your device. Use only Samsung approved batteries and chargers.

Important! You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

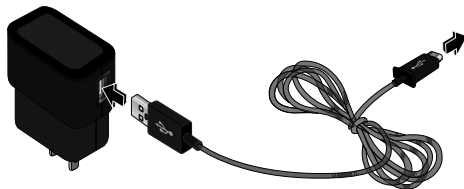
Although you can use the phone while the battery is charging, doing so will require additional charging time.

Important! Verify that the battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the handset may power off and on continuously, preventing proper operation.

1. Insert the USB cable into the phone's Charger/Accessory jack.





2. Connect the USB cable to the charging head.



Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

3. When charging is finished, first unplug the charger's power plug from the AC wall outlet, and then disconnect the USB cable connector from the device.


Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon  blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Solid color  indicates a full charge. When the battery level becomes too low, the phone automatically turns off.

You can also choose to display a percentage value. Having a percentage value onscreen can provide a better idea of the remaining charge on the battery.

From the Home screen, touch  **Menu** → **Settings** →  **My device** → **Display** → **Show battery percentage**.


Turning the Phone On or Off

- Press and hold the  **Power/Lock** key (on the upper right side of the phone) for three seconds. While powering on, the phone connects with the network, then displays the Locked screen and any active Notification alerts.



Note: The phone's internal antenna is located along the bottom back of the phone. Blocking the antenna may affect call quality or cause the phone to operate at a higher power level than necessary.


Unlocking the Phone

1. If needed, press  **Home** to wake the screen.
2. Swipe the screen to unlock it.
The Home screen displays.




Note: If you purchased your phone online, the first time you power your phone on and unlock the screen, the Activation Wizard **Welcome** screen displays.
Follow the prompts to activate and set up your phone.

Restarting the Phone

1. Press and hold the  **Power/Lock** until the Device options screen displays.
2. Touch **Restart** → **OK**.

Important! Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Turning the Phone Off

1. Press and hold the  **Power/Lock** for two seconds until the Device options screen displays.
2. At the prompt, touch **Power off** → **OK**.




Setting Up Your Phone

When you first turn on the phone, you are asked to set up a few things. Follow the onscreen instructions to set up email accounts, import contacts, set wallpaper, configure Wi-Fi, and more.

Some screens can be skipped (touch **Skip**) or re-displayed (touch **Back**). Screens vary depending on the options you choose.

Note: If your screen dims or turns off, press the Power/Lock key to continue.

Displaying Your Phone Number




- Press  **Home**, then touch  **Menu** → **Settings** →  **More** → **About device** → **Status**.

Your phone number displays in the **My phone number** field.




Voicemail

All unanswered calls to the phone are sent to voicemail, even if the phone is turned off. Set up your voicemail and personal greeting as soon as you activate the phone.

Setting Up Voicemail

1. Press  **Home**, touch  **Phone**, and then touch and hold .
2. Follow the automated instructions to set up your password and record a greeting.




Checking Voicemail

1. Press  **Home**, touch  **Phone**, and then touch and hold .
2. Follow the automated instructions to manage voicemail.


Tip: You can also access **Voicemail** by dialing your phone number from any touch-tone phone.

Your Google Account

Your new phone uses your Google Account to fully utilize its Android features, including Gmail, Google Maps, Google Play, and so on. When you turn on the phone for the first time, you should set up a connection with your existing Google Account or create a new Google Account.

1. Press  **Home**, then touch  **Apps** →  **Gmail**. The **Add a Google Account** screen displays.
2. Touch **Existing** or **New** to continue.
3. Follow the onscreen instructions to sign in, if you already have a Google Account, or to create a Google Account.

Roaming

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When Roaming is active, the Roaming icon  displays in the Notification Bar.

Tip: You can set your phone's roaming behavior. For more information, refer to "*Mobile Networks*" on page 134..

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when you make or receive calls.

Note: Contact your wireless provider for more information about your coverage area and service plan.

Securing Your Phone

By default, the phone locks automatically when the screen times out, or you can lock the phone manually. You can unlock the phone using one of the default Unlock screens. For increased security, use a personal screen unlock pattern, a personal identification number (PIN), or a password.

For more information, refer to *"Lock Screen"* on page 138..

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

TTY Mode

This phone is fully TTY-compatible, allowing you to connect a TTY device to the phone's headset jack. Before you can use this phone with a TTY device, enable TTY Mode.

For more information, refer to *"Other call settings"* on page 58..

Section 2: Understanding Your Phone

Features

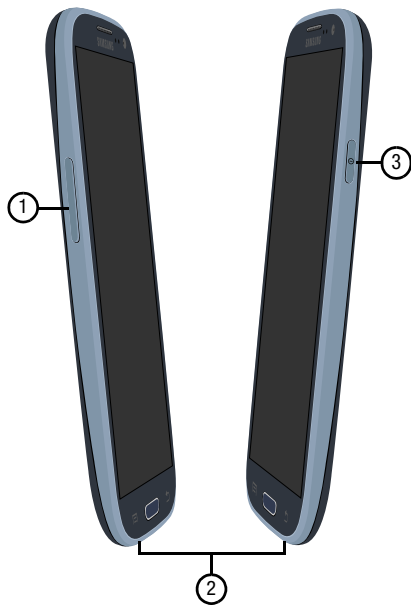
- 4.8-inch 1280x720 Super AMOLED HD touch screen
- CDMA 1X/EV-DO Rev-A Technology
- 1.5 gigahertz dual-core processor
- Android® 4.3 platform
- Google Play™ Store, plus pre-loaded applications
- SAFE™ Certified
- Connections
 - Wi-Fi 802.11 a/b/g/n
 - Portable Wi-Fi Hotspot
 - Bluetooth 4.0
 - Tethering
 - VPN
 - NFC
 - Android Beam
 - S Beam
 - Wi-Fi Direct
 - Group Cast
 - USB 3.0
- Galaxy Gear™ compliant. For more information, please visit: www.samsung.com/us/galaxygearsupport
- Messaging Services
 - Text Messaging
 - Picture Messaging
 - Video Messaging
 - Voice Messaging
 - Email
 - Mobile Instant Messenger (IM)
 - Chat
- 8 Megapixel Camera/Camcorder with LED flash + 1.9 Megapixel Front camera
- Picture Gallery
- Video Player (720p — MP4 and 3GP)
- DivX Certified® to play DivX® video up to HD 720p, including premium content
- Music Player (AAC, AAC+, eAAC+, MP3, and WMA)
- Speakerphone
- Support for microSD™ and microSDHC™ Memory Cards up to 64GB capacity

Front View



1. **Earpiece:** Use during calls to listen to callers.
2. **LED Indicator:** Flashes or glows to alert you to alert notifications or phone status.
3. **Menu Key:** Touch to display options for the current screen.
4. **Home Key:** Press to display the Home screen or, if the phone is locked, the Lock screen. Press and hold to display recent applications or to launch Task Manager.
5. **Microphone:** Use when recording and during calls, to allow callers to hear your voice.
6. **Back Key:** Touch to return to the previous screen or option.
7. **1.9 Megapixel Front Camera:** Use for taking pictures and recording video.
8. **Proximity and Light Sensors:** Detects the presence of nearby objects to control phone functions or blank the screen display, such as when you hold the phone to your ear during a phone call. Detects ambient light to determine screen brightness when **Brightness** is set to **Automatic brightness** (see “*Display*” on page 140), and when you take pictures with the Front camera.

Side Views



1. **Volume Key:** From the Home screen, press to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.
2. **USB Power/Accessory Port:** Connect a USB cable for charging or to sync music and files.
3. **Power/Lock Key:** Press and hold to turn the phone on or off. Press to lock the phone or to wake the screen for unlocking.

Back View



1. **Noise Cancellation Microphone:** Captures background noise that the phone uses to produce a quiet background during calls and video chats.
2. **Camera Flash:** Use when taking photos.
3. **8 Megapixel Camera Lens:** Use when taking photos or recording videos.
4. **External Speaker:** Play ringtones, call audio when in Speakerphone mode, media sounds (music and video), and other sounds.
5. **3.5mm Headset Jack:** Plug in an optional headset or TTY equipment.


Navigation

Navigate your phone's features using the command keys and the touch screen.


Warning! A touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Command Keys

Menu Key


Touch  **Menu** to display a context sensitive menu of options for the current screen or feature.

Home Key

Press  **Home** to display the Home screen.

Press and hold  **Home** to launch Task Manager or to launch a menu of recent applications.

Back Key

Touch  **Back** to return to the previous screen, option, or step.

Touch Screen

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch an item to select it.
- Touch an application icon to launch it.

Touch and Hold

Activate onscreen items by a touch and hold gesture. For example:

- Touch and hold a widget or icon on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Swipe your finger vertically or horizontally across the screen.

For example:

- Unlock the screen.
- Scroll the Home screen or a menu.

Pinch

Using two fingers, make a pinch motion on the screen.

For example:

- Pinch outward to zoom in on pictures or screens.
- Pinch inward to zoom out on pictures or screens.

Motion

Your phone recognizes motion to allow you to navigate and access features by moving the phone in specific patterns.

To use motions to control your phone, enable the **Motion** settings. For more information, refer to *"Motion"* on page 153..

Hand Motions

Use your hand to swipe across the screen, or cover the screen.



- **Palm swipe to capture:** Swipe the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause:** Cover the screen with your hand mutes or pauses media playback.

Multi Window




This feature allows you to run multiple applications on the current screen at the same time.

Note: When launching applications that contain multimedia files (music/video), audio from both files will be played simultaneously.

Enable Multi window on the Notification screen

1. In a single motion, touch the Status bar to reveal the Notifications tab, and then drag it to the bottom of the screen to open the Notifications screen.
2. Swipe the row of Quick Settings buttons to the left until the **Multi window** icon appears.
3. Touch  **Multi window** to enable the feature. The icon turns green  when active.


Show the Multi window tab

1. If the Multi window tab  is not showing on the current screen, touch and hold  **Back**. The Multi window tray appears briefly (by default) on the left side of the screen, then closes, leaving only the Multi window tab showing.
2. Touch the Multi window tab  to open the Multi window tray, showing some of the available Multi window apps.
3. Swipe the tray upwards to show more Multi window apps.






Tip: You can use Multi window with your phone either upright or rotated onto its side. You can also rotate your phone with Multi window already running two applications.

Hide the Multi window tab

- With the Multi window tab showing, touch and hold  **Back**. This action hides the Multi window tab from view.


Any of the apps found within the Multi window panel can be run at the same time as a current onscreen app.

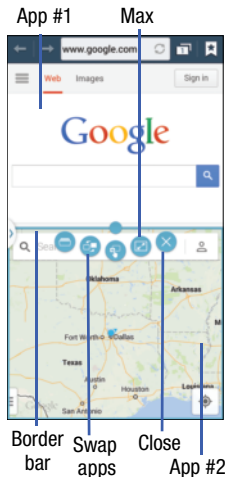
Once multiple apps are running on the same screen, you can then choose to either swap their positions or maximize a desired app.

1. Launch an application, such as Internet.
 - From the Home screen, touch  **Internet**.
2. Enable the Multi window feature. For more information, refer to *"Multi Window"* on page 21..
3. Touch the Multi window tab  to display the apps tray.
4. Touch and hold the desired app, such as  **Maps**, until it detaches from the tray.
5. In a single motion, drag the app over the current app and drop the new Multi window app over either the top or bottom half of the current onscreen app.

The device displays a split screen view containing both the initial app and the new Multi window app. Each application is still independent of the other.

Swap the locations of the applications


1. With the two applications shown in a split screen, touch the Border bar to show the onscreen icons.
2. Touch the desired application area (top or bottom).
3. Touch  **Swap apps**. The current apps swap places.




Increase the size of a desired application window

- With the two applications running in the Multi window screen, touch and hold the Border bar, then drag it to resize the desired window.

Separate the current applications

1. With the two applications running in the Multi window screen, touch the Border bar to show the onscreen icons.
2. Touch the desired application area (top or bottom).
3. Touch  **Maximize apps**. The current apps are the both maximized.

Close an application

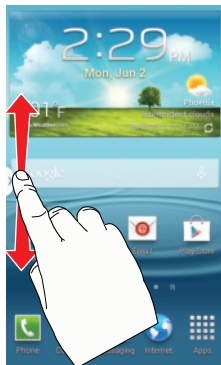
1. With the two applications running in the Multi window screen, touch the Border bar to show the onscreen icons.
2. Touch the desired application area (top or bottom).
3. Touch  **Close app**. The current apps swap places.

Moving the Multi Window Tab and Tray

You can move the Multi window tab along any edge of the screen (top, bottom, left, or right). This is a quick way to get the tab out of the way if you can't get to a button or option behind it.

Move the tab

1. Enable the Multi window feature. See “*Multi Window*” on page 21..
2. In a single motion, touch and hold the tab for a second, then slowly drag it to its new location **along the current** screen edge.



Relocate the Multi window tray


1. Enable the Multi window feature.
2. Touch the tab to display the apps tray.
3. In a single motion, touch and hold the Multi window tab to detach it from the screen (1), then drag it to its new location **on the other** screen edge (2).




Customizing the Multi Window tray

You can customize the contents of the Multi window tray by rearranging, removing, or adding apps.


Rearrange the Multi window apps

1. Enable the Multi window feature.
2. Touch the Multi window tab  to open the apps tray.
3. In a single motion, touch and hold a desired app until it detaches from the tray, then carefully drag it to a new location in the list of apps. Lift your finger off the screen to let go of the app and drop it into its new location.

Remove a Multi window app

1. Enable the Multi window feature.
2. Touch the Multi window tab  to open the apps tray.
3. Touch **Edit** (located at the bottom of the list) to reveal the staging area containing any previously removed apps.
4. Follow the prompt to remove apps from the Multi window tray to the staging area.
5. When you are finished, touch **Done**.

Add a Multi window app

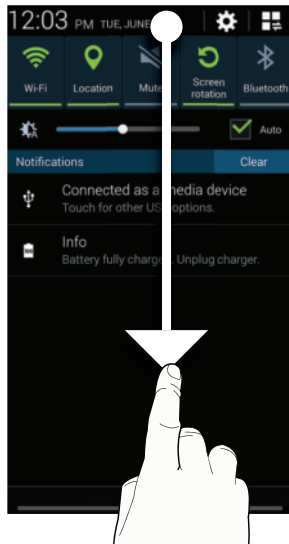
1. Enable the Multi window feature.
2. Touch the Multi window tab  to open the apps tray.
3. Touch **Edit** (located at the bottom of the list) to reveal the staging area containing any previously removed apps.
4. In a single motion, touch and hold a desired app until it detaches from the staging area, then carefully drag it to a new location in the current list of apps.
5. When you are finished, touch **Done**.

Notifications

The Notification area indicates data sync status, new messages, calendar events, call status, and so on. You can expand this area to reveal more detailed information about the onscreen notification icons.

Opening the Notifications Screen

1. In a single motion, touch and drag the Status bar down to the bottom of the screen to display notifications.
2. Touch a notification entry to open the associated application.
3. Touch **Clear** to remove all notifications.



Quick Settings Menu


Use the Quick Settings buttons at the top of Notifications to control popular settings. Slide your finger to the left to view Quick Settings buttons hidden on the right.

- **Wi-Fi:** Turn Wi-Fi On or Off. For more information, refer to *"Wi-Fi"* on page 115..
- **Location:** Turn Location services on or off. For more information, refer to *"Location"* on page 157..
- **Sound:** Touch to switch between your sound settings, Mute, and Vibrate.
- **Screen Rotation:** Control whether the screen automatically updates when you rotate the phone.
- **Bluetooth:** Turn Bluetooth On or Off. For more information, refer to *"Bluetooth"* on page 116..
- **Mobile data:** Activate or deactivate access to mobile data. For more information, refer to *"Turning Mobile Data On or Off"* on page 132..
- **Multi window:** Enable or disable Multi Window. For more information, refer to *"Multi Window"* on page 21..
- **Screen Mirroring:** Enable or disable sharing of your device's screen with other devices. For more information, refer to *"Screen Mirroring"* on page 127..

- **S Beam:** Turn on or off the S Beam application. For more information, refer to *"S Beam"* on page 123..
- **NFC:** Turn on or off NFC (Near Field Communications). For more information, refer to *"NFC"* on page 122..
- **Brightness:** Set to automatically adjust depending upon the ambient light, or drag the slider to decrease or to increase screen brightness levels.

Changing Quick Settings

You can change which Quick Settings buttons appear in the Quick Settings menu.

1. In a single motion, touch and drag the Status bar down to the bottom of the screen to display notifications.
2. Touch . A list of all available Quick Settings buttons appears.
3. Touch and drag buttons to the top two lines to change the order of the buttons and/or to replace a currently displayed button with another.

Home Screen

The Home screen is the starting point for using your phone.



Note: All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

1. **Status Bar:** Presents icons to show network status, battery power, and connection details. For a list of icons, see *"Status Bar Icons"* on page 29.
2. **Primary Shortcuts:** Shortcuts to your phone's common apps. For more information, refer to *"Customizing the Home Screen"* on page 31..
3. **Panel Indicator:** Indicates which of 7 available Home screen panels display on the screen.
4. **Shortcuts:** Shortcuts to common apps. For more information, refer to *"Adding Shortcuts"* on page 31..
5. **Widgets:** Apps that run on the Home screen. For more information, refer to *"Widgets"* on page 31..

Status Bar Icons

The Status bar shows network and battery status and other details.



Airplane Mode Active: All wireless communications are disabled. See “*Airplane Mode*” on page 133..



USB Connected: The phone is connected to a computer using a USB cable.



Voice Call: A voice call is in progress.



Speakerphone: Speakerphone is enabled.



Missed Call: There is a missed call.



Battery Level: Battery is fully charged.



Battery Charging: Battery is charging.



Device Power Critical: Battery has very little power remaining. Charge immediately.



Location Active: One or more Location service is currently active. See “*Location*” on page 157..



No Network: No wireless network is available.



3G connection: Phone is active on a 3G system.



Signal Strength: Current signal strength. The greater the number of bars, the stronger the signal.



New Message: You have new message(s).



New Voicemail: You have new voicemail. A number indicates the number of new messages.



New Email Message: You have new email.



Silent Mode: All sounds except media and alarms are silenced, and Vibrate is not active.



Vibrate: All sounds are silenced, and Vibrate is active.



SD Card Ready: A memory card scan is underway to prepare the card for use.



SD Card Removed: A memory card was uninstalled.



Bluetooth Active: Bluetooth is turned on.



Bluetooth Connected: Your phone is connected with another Bluetooth device.



Wi-Fi Active: Wi-Fi is active, and connected to a Wi-Fi network.



Wi-Fi Action Needed: Action is needed to connect to Wi-Fi network. For more information about configuring Wi-Fi, see “*Wi-Fi Settings*” on page 129.



TTY: TTY Mode is active.


Extended Home Screen

The Home screen consists of the Home panel, plus panels that extend beyond the display width to provide more space for adding shortcuts, widgets, and folders.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the bottom of the display shows your current position.

Adding and Removing Home Screen Panels

Your phone comes with seven Home screen panels. You can customize the Home screen to include up to the seven default panels and set one panel as Home.

- From the Home screen, touch  **Menu** → **Edit page**.

– or –

You can also “pinch” the Home screen to display Edit options.



Set as Home: Touch to assign a panel as the Home screen.



Remove: Touch and hold a panel and drag it here to Remove.




Add: Touch a previously removed panel to add, up to a total of seven.

Customizing the Home Screen

Customize the Home screen to suit your preferences.


Primary Shortcuts

Primary shortcuts display at the bottom of the screen. You can edit the Primary shortcuts, except for  **Apps**.

Adding Shortcuts

- Touch and hold a shortcut and drag it from the Primary shortcuts to the Home screen or from the Home screen to the Primary shortcuts.

Removing Shortcuts

- Touch and hold the shortcut until  **Remove** displays, and then drag the shortcut to the **Remove** icon.


Widgets

Widgets are self-contained applications that you can place on the Home screen for quick, direct access.

Adding Widgets


1. Touch and hold on a Home screen to display the **Home screen** menu.
2. Touch **Apps and widgets**.
3. Touch the **Widgets** tab; then touch and hold a widget to add it to the Home screen.

Removing Widgets

- Touch and hold the widget until  **Remove** displays. Drag the widget to the **Remove** icon.

Application Shortcuts

Use Application shortcuts to launch applications from the Home screen.

1. Touch  **Apps** to display all the currently available applications.
2. Locate your desired application.
3. Touch and hold the icon. The new shortcut then hovers over the current screen.
4. While still holding the icon, position it on the current screen. Release the screen to lock the shortcut into its new position.

Move and Delete Items

- Touch and hold the item you want to move or delete and drag it to another location or to the Trash Can icon at the bottom of the screen.


Folders

Place folders on the Home screen to organize items.


Adding Folders

1. From the Home screen, touch and hold the screen to display the **Home screen** menu. Touch **Folder** then enter a folder name in the field and touch **OK**.

– or –

Touch  **Menu** → **Create folder**. The folder displays on the Home screen. Enter a folder name in the field and touch **OK**.

Removing Folders

- Touch and hold the folder until  **Remove** displays, and drag the folder to the **Remove** icon.

Wallpaper

Choose a picture to display in the background of the Home screen. You can choose from pre-loaded wallpaper images or select a picture that you have taken with the Camera or downloaded.

1. From the Home screen, touch and hold the screen to display the **Home screen** menu.
2. Touch **Set wallpaper** → **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Choose a wallpaper image source:
 - **Gallery**: Choose a picture stored on your phone or on an optional installed memory card.
 - **Photos**: (Home screen only) Choose a picture stored in your Google Photos.
 - **Live wallpapers**: (Home screen only) Choose from pre-loaded animated wallpaper images.
 - **Wallpapers**: Choose from pre-loaded wallpaper images.
4. Touch a wallpaper, then touch **Set wallpaper**.

Note: You can also set Wallpaper in Settings. For more information, refer to *"Display"* on page 140..



Apps

Apps holds all applications installed on your phone, including applications that you download and install from the Google Play Store or from the web.

The Apps screen consists of panels that extend beyond the display width to provide more space. For more information, refer to “Applications and Widgets” on page 94..

Customizing the Apps Screens

By default, application icons display in Grid view. You can change the view to list view.

1. From the Home screen, touch  **Apps**.
2. Touch  **Menu** → **View type**.
3. Choose an option:
 - **Customizable Grid**: Allows you to touch and hold application icons to move them from screen to screen.
 - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.
 - **Alphabetical list**: Icons are arranged in a list, sorted from A-Z.

Apps Screen Options

1. From the Home screen, touch  **Apps**.
2. Touch  **Menu** for options:
 - **Play Store**: Launch Google Play Store to browse for new applications to download.
 - **Edit**: Touch and hold an application icon for these options:
 - Drag it to a new location.
 - Drag it to  to create a new folder to contain the icon.
 - Drag it to  to create a new application screen and place the icon on it.
 - Drag it to  to launch Application manager to view information about the application. For more information, refer to “Application Manager” on page 160.
 - Drag to  **Uninstall** (if available) to remove the icon.

Note: Pre-loaded applications cannot be removed.

- **Create folder:** Create a folder for organizing shortcuts.
- **Uninstall:** Remove an application that you downloaded from your phone.
- **View type:** Configure the application screen.
- **Share apps:** Select applications that you have downloaded (not available for pre-loaded applications) to share via Add to Dropbox, Bluetooth, ChatON, Copy to clipboard, Drive, Email, Flipboard, Gmail, Google+, Hangouts, Messaging, S Memo, or Wi-Fi Direct.
- **Hide applications /Show hidden applications:** Control whether application icons are visible in Apps. Hiding an icon does not remove the application from your phone.

Section 3: Memory Card

Your phone lets you use a microSD™ (SD) or microSDHC™ card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices.

Mounting the SD Card

To store additional photos, music, videos, and other applications, you must mount (install) the SD card before use. Mounting the SD card establishes a USB connection with your computer.

1. Insert the microSD card into the internal, microSD card slot. For more information, refer to *"Installing a Memory Card"* on page 7..
2. The phone scans the SD card and views the available information stored on it.



Unmounting the Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

1. From the Home screen, touch  **Menu** → **Settings** →  **More** → **Storage**.
2. Scroll to the bottom of the display and touch **Unmount SD card**.
3. Touch **OK**.



SD Card Available Memory Status

To view the memory allocation for the external SD card:

1. From the Home screen, touch  **Menu** → **Settings** →  **More** → **Storage**.
2. The available memory for the device and SD card displays under the **Total space** or **Available space** heading.

Erasing Files from a Memory Card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 35..
2. From the Home screen, touch  **Menu** → **Settings** →  **More** → **Storage**.
3. Under **SD card**, touch **Format SD card**, and follow the prompts to confirm the deletion of all information from the card.

Caution! Performing the next step erases all data stored on the SD card.

4. Touch **Delete all** to format the SD card.




Section 4: Accounts and Contacts

Accounts

Your phone provides the ability to synchronize information, from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

With synchronization, you can ensure that information on your phone is updated with the most recent changes in your accounts.

Setting Up Your Accounts



1. From the Home screen, touch  **Menu** → **Settings** →  **Accounts**.
2. Under **My accounts**, touch  **Add account**.
3. Select an account type, then follow the prompts to enter your credentials and sign in.
4. If needed, the device communicates with the provider's server to set up your account.

For information about creating other email accounts, see *"Creating Additional Email Accounts"* on page 71.

Controlling Synchronization

You can choose to have your device automatically or manually synchronize with your accounts when you check messages.

You may also choose to limit synchronization to extend battery life.

1. From the Home screen, touch  **Menu**, then touch **Settings** →  **Accounts**.
2. Under **My accounts**, touch the account that contains data to synchronize. The account screen displays.
3. Under **Accounts**, touch the account that contains data to synchronize. The **Sync settings** screen for the selected account lists the following synchronization settings (Yours may differ):
 - Sync App Data
 - Sync Calendar
 - Sync Chrome
 - Sync Contacts
 - Sync Email

- Sync Gmail
- Sync Google Photos
- Sync Google Play Books
- Sync Google Play Magazines
- Sync Google Play Movies & TV
- Sync Google Play Music
- Sync Google+
- Sync Google+ Auto Backup
- Sync Internet
- Sync People details
- Sync Picasa Web Albums
- Sync S Memo
- Sync Tasks



4. Touch a setting to enable/disable synchronization of the associated file types.

- **Enabled:** Your device automatically synchronizes its related files with similar files on on-line file servers.
- **Disabled:** You can manually sync accounts by touching **Sync all** in the account type screen for each account.

Tip: You can also control automatic synchronization using the **Sync** toggle in the Quick Settings menu on the Notifications screen. For more information, refer to “*Quick Settings Menu*” on page 27..



Managing Accounts

For more information, refer to “*Accounts*” on page 156..

1. From the Home screen, touch  **Menu**, then touch **Settings** →  **Accounts**.
2. Under **My accounts**, touch an account to manage. The account screen displays.
3. Under **Common settings** → **General settings**, touch **Settings** → **Account settings**. The related **Settings** screen displays.

Google Account Privacy Settings


Personalize the Privacy settings for Google Accounts:

1. From the Home screen, touch  **Menu**, then touch **Settings** →  **Accounts**.
2. Under **My accounts**, touch **Google**. The Google account type screen displays.
3. Under **Privacy**, choose the desired setting.

Contacts

The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly on your device. Contacts can be synchronized with your Google account, your Samsung account, your PC, email accounts (including Exchange Server accounts), and your Facebook friends.



To access Contacts:

- From the Home screen, touch  **Contacts**.

Contact tips:




- To make a call to a contact, swipe your finger left-to-right across the contact.
- To create a message addressed to a contact, swipe right-to-left across the contact.


Adding Contacts

1. From the Home screen, touch  **Contacts** →  **Add contact**.

The first time you add a contact to your Contacts list, a pop-up displays:

- If you have defined one or more accounts (Google, Samsung, and so on), the Save contact to pop-up displays, select Device or the account to receive the new Contact entry.
- If no accounts are defined, the Save contact pop-up displays, select OK to save your contacts in **My device contacts** or select Add new account.

2. Touch  **Photo ID** to choose a picture to identify the contact.
3. Touch **Name** to enter a name for the contact. Touch  to enter a **Name prefix**, **First name**, **Middle name**, **Last name**, or **Name suffix**.
4. Under **Phone**, the following options are available:
 - **Mobile** button: Touch to choose a phone number label, such as Home, Mobile, Work and so on.
 - **Phone number**: Enter a phone number.
 - To add another number, touch .


5. Under **Email**, the following options are available:
 - **Home** button: Touch to choose a label.
 - **Email address**: Enter an email address.
 - To add an address, touch .
6. Touch **Groups** to assign the contact to a group. For more information about Groups, see “Groups” on page 45.
7. Touch **Ringtone** to choose a ringtone for the contact.
8. Touch **Message alert** to select the alert tone to play when you receive a message from this contact.
9. Touch **Vibration pattern** to choose a vibration pattern to play when you receive a call or message from this contact.
10. Touch **Add another field** to add more fields, including **Phonetic Name, Organization, IM, Address, Notes, Nickname, Website, Internet call, Events, or Relationship**.
11. Touch **Save** to save the contact information.


Creating Contacts from Recent Calls

Save a phone number from a recent call to create a new contact, or update an existing contact.

For more information, refer to “*Creating or Updating Contacts Using Calls Log*” on page 53..



Creating Contacts using the Phone Keypad

1. From the Home screen, touch  **Phone**.
2. On the **Keypad**, touch the digits of the phone number.
3. Touch **Add to Contacts**, then select **Create contact** from the pop-up menu.
4. Continue entering contact information. For more information, refer to “*Adding Contacts*” on page 39.


Tip: While entering a phone number, you can add waits or pauses. Enter the number up to the pause or wait, then touch  **Menu** to select **Add 2 sec pause** or **Add wait**.

Updating Contacts

Make changes to update an existing contact.

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to view its information, then touch  **Edit**.
3. Continue entering contact information.



Updating Contacts using the Phone Keypad

1. From the Home screen, touch  **Phone**.
2. On the **Keypad**, touch the digits of the phone number.
3. Touch **Add to Contacts**, then select **Update existing** from the pop-up menu.
4. Select a contact to update, then continue entering contact information.



Updating Contacts from Recent Calls

For more information, refer to *"Creating or Updating Contacts Using Calls Log"* on page 53..



Choosing Contacts to Display

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Contacts to display**:
 - **All contacts**: to show all contacts.
 - **Phone**: to show only show contacts saved to the phone.
 - **<Account>**: to only display contacts from the selected account.
 - **Customized list**: to select contact types for each account, or the phone.

Contacts Settings

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu** → **Settings**.
3. Select one of the following settings options:
 - **Only contacts with phones**: to show contacts with at least one stored phone number.
 - **List by**: to sort contacts by first or last name.
 - **Display contacts by**: to list contacts by first or last name.
 - **Contact sharing settings**: to set your preference for sending contacts namecards to other accounts or devices.


Other Contacts Options

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display it, then touch  **Menu** to select from these options:
 - **History**: View calls and messages to and from this contact.
 - **Edit**: Modify contact information.
 - **Delete**: Erase the contact record.
 - **Link contact / Separate contact**: Manage multiple contacts as one.
 - **Mark as default**: Set a default phone number or other field (such as IM or email address).
 - **Share namecard via**: Send the namecard.
 - **Add to reject list**: Mark the contact so that calls or messages from the contact are rejected automatically. To remove a contact from the reject list, touch and hold on the contact in the main contacts screen, then choose **Remove from reject list**.
 - **Add shortcut to Home**: Add shortcut to this contact to Home screen.

My Local Profile



My local profile is your own contact record, listed under **ME** in Contacts. You can send My local profile as a vCard using Bluetooth or as an attachment.

Creating My Local Profile

1. From the Home screen, touch  **Contacts**.
2. Under **ME** touch **Set up profile**.
3. Enter your information in the contact fields. For more information, refer to *"Adding Contacts"* on page 39..

Sending My Local Profile

You can send your profile as a vCard using Bluetooth to other Bluetooth devices, or as an attachment.



1. From the Home screen, touch  **Contacts**.
2. Touch your profile to display your contact information.
3. Touch  **Menu**, then touch **Share namecard via**.
4. Choose a sending method from the **Share namecard via** screen, then follow the prompts to send the profile.


Linking Contacts

Your phone can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your phone, you may have multiple contacts representing one person.

Linking contact records allows you to see all the contact's numbers and addresses together. Linking also helps you keep your contacts updated, because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

Linking Contacts



1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display its information.
3. Touch  **Menu**, then touch **Link contact**. A list of available contacts displays.
4. Select a contact to join to the displayed contact. The linked contact displays.

5. To link another contact, touch . The Linked contact screen displays.

Touch **Link another contact**. A list of available contacts displays.

Select a contact to link to the displayed contact. The linked contact displays.

Separating Contacts

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display its information.
3. Touch the **Connection** field to display linked contacts.
4. Touch  to remove it from the selected linked contact.

Exporting and Importing Contacts



You can export your contact list to an installed memory card, or import a list of contacts (previously exported) from a memory card.

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Import/Export**. The **Import/Export contacts** pop-up displays.
3. Select an option, then follow the prompts to complete the operation:
 - **Import from USB storage:** Copy contacts that are saved in installed mass storage.
 - **Export to USB storage:** Copy contacts to installed mass storage.
 - **Import from SD card:** Copy contacts that are saved on an installed memory card.
 - **Export to SD card:** Copy contacts to an installed memory card.

Sending Namecards

You can send a contact entry as a namecard using a Bluetooth connection to another device, or as an attachment to a Gmail or Email message.


Important! Not all Bluetooth devices will accept contacts, and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Share namecard via**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark displays in the check box for marked contacts.
4. Touch **Done**.
5. Select **Bluetooth**, **ChatON**, **Drive**, **Email**, **Gmail**, **Messaging**, **Samsung Link** or **Wi-Fi Direct**, then follow the prompts to send the namecard(s).

Favorites

Mark contacts with a ★ star to identify them as Favorites and for display on the **Favorites** tab.




Creating Favorites

1. From the Home screen, touch  **Contacts**.
2. Touch a contact to display it, then touch ★, it changes color to ★. The contact is added to your Favorites.
3. Remove the contact from **Favorites** by touching ★, it changes color to ★.

Groups

Assign contacts to Groups to quickly search for, call, or send messages to group members.




Adding a New Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch  **Menu** → **Create**, then enter information:
 - **Group name:** Enter a Group Name.
 - **Group ringtone:** Choose a ringtone for calls from members of this group.
 - **Message alert:** Choose an alert tone for messages from members of this group.




- **Vibration pattern:** Choose a vibration for calls from members of this group.
- **Add member:** Select members from **Contacts**.

3. Touch **Save** to save the new group.

Editing a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch a Group to display it.
3. Touch  **Menu** → **Edit group**, then update information for the group.




Deleting a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch  **Menu** → **Delete groups**.
3. Touch a Group to mark it for deletion.




Note: You cannot delete pre-loaded groups.

4. Touch **Delete**, then choose **Group only** or **Group and group members**.

Adding Contacts to a Group



1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch a Group to display it, then touch .
3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts.
4. Touch **Done** to add the selected contact(s).

Removing Contacts from a Group

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch a Group to display it.
3. Touch  **Menu** → **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts.
5. Touch **Done** to remove the selected contact(s).

Sending a Message to Group Members

Create a new text or email message, addressed to the group's members.

1. From the Home screen, touch  **Contacts** →  **Groups**.
2. Touch and hold a Group, then touch **Send message** or **Send email**.
3. Touch contacts to mark them as recipients for the new message, then touch **Done**.
The new message opens, with the marked contacts as recipients.
4. Continue creating the message, as desired. For more information, refer to *"Creating and Sending Messages"* on page 64. or see *"Composing and Sending Email"* on page 72.



Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.



For more information about calling using speed dials, see *“Making Calls Using Speed Dials”* on page 49.

Note: Speed dial 1 is reserved for Voicemail, and cannot be assigned.

Assigning Speed Dials

1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Speed dial setting**. A list of speed dials displays.
3. Touch a speed dial, then touch a contact to assign the speed dial to the contact.

Removing or Reassigning a Speed Dial




1. From the Home screen, touch  **Contacts**.
2. Touch  **Menu**, then touch **Speed dial setting**.
3. Touch and hold an assigned Speed dial setting, the following options pop-up:
 - **Replace:** Touch a new speed dial location to assign to the contact.
 - **Delete:** Un-assign the speed dial from the contact.

Section 5: Calling

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.


For more information, refer to “*Call*” on page 144..

Making Calls

1. From the Home screen, touch  **Phone** then touch the  **Keypad** tab.
2. Enter the digits of the telephone number using the **Keypad**.
3. Touch  to place the call.




More Dialing Options

After entering a number, you can access additional calling options.


- From the **Keypad** screen, touch  **Menu** for additional options:
 - **Send message** to send the current caller a text message while still maintaining the current call active.
 - **Add to Contacts** to add the current number to either a new or existing Contacts entry.

- **Speed dial setting** to access the Speed dialing setting menu where you can assign a speed dial location to a current Contacts entry.
- **Add 2-sec pause** to insert a two-second pause within a number string (the phone continues dialing after 2 seconds without any additional keys being pressed).
- **Add wait** to insert a hard pause within the number string (the phone waits for your input). A wait requires that any consecutive numbers be manually sent by tapping **Yes**.
- **Call settings**: See “*Call Settings*” on page 54.

Making Calls from Contacts




1. From the Home screen, touch  **Contacts**.
– or –
From the Phone **Keypad** screen, touch  **Contacts**.
2. Swipe your finger from left to right across the contact to dial their default number.
– or –
Touch a contact, then touch  to dial the number.

Making Calls Using Speed Dials




1. From the Home screen, touch  **Phone**.
2. Touch the digits of the speed dial number on the **Keypad**, holding the last digit until the number dials.

Making Calls Using S Voice

Place a call by speaking the name or number.

1. Press  **Home**, then touch  **Apps**, then touch the **Apps** tab. The **Apps** screen displays.
2. Touch  **S Voice**.
3. The first time you access S Voice, follow the prompts to confirm the Samsung Disclaimer and Terms of service.
4. Read the About S Voice screen and follow the prompts.
5. At the **What would you like to do?** screen, say “Hi Galaxy” to wake up S voice.
6. Say, “Call” followed by the name of a contact.

Making Calls Using Favorites

1. From the Home screen, touch  **Phone**.
 2. Touch  **Favorites** to display your favorite contacts.
 3. Find the contact and touch it to open the Contact entry.
 4. Swipe your finger from left to right across the contact to dial their default number.
- or –
- Touch a contact, then touch  to dial the number.



Making Calls from Recent Calls

Return a call, or call a number from a recent call stored in Recent calls.

For more information, refer to “Calls Log” on page 52.

Multi-Party Calling

Use multi-party calling features to set up a call between multiple callers, such as for a conference call.

1. Establish the first call, by answering an incoming call or making a call.
2. Touch **Add call**. The first call is placed on hold.
3. Make the second call by touching the phone number digits, then touch .
4. Touch **Merge** to merge the calls into a conference call.
5. To end the call touch .

Answering Calls

You can answer incoming calls when the phone is locked or unlocked.

- Touch and drag the  **Answer** icon to the right.

Tip: Press the **Volume** key Up or Down to silence the ringtone for an incoming call.

Rejecting a Call


- Touch and drag the  **Reject** icon to the left.

Rejecting a Call with a Message

- Touch and drag **Reject call with message** toward the middle of the screen, then select an existing message, or **Create new message**. For more information about creating reject messages, see “*Set up call rejection messages*” on page 54.

Options During a Call




- **Noise reduction on / Noise reduction off:** Enable or disable noise reduction to improve call audio quality in noisy environments.
- **Extra volume turned on / Extra volume turned off:** Increase/decrease volume for received voices.
- **Add call:** Display the Dialer to set up a multi-party call.
- **Keypad:** Display a keypad to enter numbers.
- **End call:** End the phone call.
- **Speaker:** Enable or disable speakerphone.
- **Mute:** Mute or unmute your voice on the call.
- **Headset:** Switch the call's audio to a Bluetooth headset.
 - Touch  **Menu** for options:
 - **Contacts:** Launch Contacts.
 - **Memo:** Launch S Memo to take notes or to create a drawing.
 - **Message:** Launches Messaging to compose a message.

While in a call, you can use these features:

- **Personalize call sound:** Apply a sound equalizer to the call audio, in cases where you might need the sound softer, clearer, or optimized for your right or left ear.

Answering Call-Waiting Calls

When you receive a call during another call:

- Touch and drag the  **Answer** icon to the right to answer the incoming call. The original call is placed on hold, and remains on hold until you end the second call, or swap calls back to the original call.

– or –

Touch **Swap** to place a call on hold and return to the original call.



Ending a Call

- Touch .




Calls Log

When you place, answer, or miss a call, a record of the call is saved in the Calls Log.




Accessing Calls Log

- From the Home screen, touch  **Phone** →  **Logs** to display recent calls.



Making Calls Using Calls Log

1. From the Home screen, touch  **Phone** →  **Logs** to display recent calls.
2. Swipe your finger from left to right across the call to redial.
 - or –
 - Touch a call, then touch  to dial the number.

Sending Messages Using Calls Log




1. From the Home screen, touch  **Phone** →  **Logs** to display recent calls.
2. Swipe your finger from right to left across any call to send a message.
– or –
For Contacts, touch the number, then touch  to send a message.

Creating or Updating Contacts Using Calls Log




1. From the Home screen, touch  **Phone** →  **Logs** to display recent calls.
2. Touch and hold on a call, then select **Add to Contacts** from the pop-up menu.
3. Choose **Create contact** or **Update existing**.
4. Continue entering contact information.

Managing Calls Log





To delete call log records:

1. From the Home screen, touch  **Phone** →  **Logs** to display recent calls.
2. While viewing the calls, touch  **Menu**, then touch **Delete**.
3. Touch call records to mark them for deletion, or touch **Select all**. A check indicates marked records.
4. Touch **Delete** to delete marked records.

To filter call log records:

1. From the Home screen, touch  **Phone** →  **Logs** to display recent calls.
2. While viewing the calls, touch  **Menu**, then touch **View**.
3. Select a filter type, from **All logs**, **All calls**, **Missed calls**, **Dialed calls**, **Received calls**, **Rejected calls**, **All messages**, **Sent messages**, or **Received messages**.

Call Settings

- To access Call settings, from the Home screen, touch  **Phone** →  **Menu** → **Call settings**.
– or –
Touch  **Menu** → **Settings** →  **My device** → **Call**.

Call rejection

Create and manage a list of phone numbers to be automatically rejected and sent to voicemail, when calls are received.

- From the **Call settings** screen, touch **Call rejection** for these options:
 - **Auto reject mode:** Touch **Off** to accept all calls, or you can reject calls from **All numbers** or reject calls from numbers on the **Auto reject numbers** list.
 - **Auto reject list:** Enter telephone numbers to reject when Auto reject mode is ON. Turn on **Unavailable** to reject calls with no caller ID. Touch **Create**, then follow the prompts to enter numbers to reject, or select them from Contacts. Touch **Match criteria** to set options for using the reject number list.



Set up call rejection messages

Create and manage text messages to send to callers when you select **Reject call with message** in the **Incoming call** screen.

1. From the **Call settings** screen, touch **Set up call rejection messages**. The **Reject messages** screen displays.
2. Touch **Create**, then follow the prompts to create a new message.
– or –
Touch a message, then edit the text to modify an existing message.

Answering/Ending calls

Manage settings for answering and ending calls.

- From the **Call settings** screen, touch **Answering/ending calls**. Configure the following options:
 - **The home key answers calls:** Press  **Home** to answer an incoming.
 - **Voice control:** Answer an incoming call using voice commands. For more information, refer to “S Voice” on page 111.
 - **The power key ends calls:** When enabled, press  **Power/Lock** to end a call.

Turn off screen during calls

When enabled, the screen automatically turns off during phone calls, and the proximity sensor on the front of the device is used to turn the screen back on when the device is moved or brought close to another surface, such as when you move the device to your ear.

- From the **Call settings** screen, touch **Turn off screen during calls** to enable or disable the option.

Call alerts

Set options for sounds and vibrations to occur during calls.

- From the **Call settings** screen, touch **Call alerts**. The following options are available:
 - **Call vibrations:** Configure the conditions in which the phone vibrates for different call alerts.
 - **Vibrate on connection to network:** The phone vibrates when it connects to the network.
 - **Call-end vibration:** The phone vibrates when the other caller ends the call.
 - **Call status tones:** Touch this options to enable/disable sounds to play during calls.
 - **Call connect tone:** The phone plays a tone when the other caller answers a call.
 - **Minute minder:** A tone plays once per minute during a call.
 - **Call end tone:** The phone plays a tone when the other caller ends the call.
 - **Alerts on call:** Alarms and new messages play during phone calls.

Call accessories

Configure headset options for calls.

- From the **Call settings** screen, touch **Call accessories**.

The following options are available:

- **Headset settings for incoming calls:**
 - **Automatic answering:** When a headset is connected to the Headset Jack, incoming calls are automatically answered after a delay, set at Automatic answering timer.
 - **Automatic answering timer:** Choose a time period to delay before automatically answering an incoming call when Automatic answering is enabled and a headset is connected to the phone.
- **Bluetooth headset settings:**
 - **Outgoing call conditions:** When the phone is paired with a Bluetooth headset, you can choose to make calls Even when the phone is locked or Only when the device is unlocked.

Ringtones and keypad tones

Select incoming call ringtone and vibration, and enable or disable call vibration and keypad tones.

- From the **Call settings** screen, touch **Ringtones and keypad tones**. The following options are available:
 - **Ringtones:** Select the ringtone the phone plays to alert you of incoming calls.
 - **Vibrations:** Select the vibration pattern the phone uses to alert you of incoming calls.
 - **Vibrate when ringing:** Touch to enable/disable use of the selected **Vibrate when ringing**. When enabled, a check mark displays.
 - **Dialing keypad tone:** Touch to enable/disable playing of a tone when you enter numbers with the Phone keypad. When enabled, a check mark displays.

Personalize call sound

This option personalizes the sounds you hear during a call whether or not you are using a headset.

- From the **Call settings** screen, touch **Personalize call sound**. Configure the following options:
 - **In-call sound EQ**: Select the sound quality: **Off**, **Soft sound**, **Clear sound**, **Adapt sound left**, or **Adapt sound right**.
 - **Adapt sound**: Touch this option, then follow the instructions and prompts to set the phone to deliver optimum sound for the left and right headset earphone.

Noise Reduction

Noise reduction suppresses background noise on your side of the conversation during an active call.

- From the **Call settings** screen, touch **Additional Settings**
→ **Noise reduction** to enable or disable the option.

Increase volume in pocket

When enabled, the phone uses the proximity sensor to detect when the phone is in a pocket or other close fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

- From the **Call settings** screen, touch **Increase volume in pocket** to enable or disable the option.

Voicemail

Configure options for voicemail.

- From the **Call settings** screen, under **Voicemail**, the following options are available:
 - **Voicemail service**: By default, the phone uses your wireless service provider's voicemail service. If you have another option for voicemail installed, select it.
 - **Voicemail settings**: By default, the speed dial for calling voicemail (speed dial 1) is set to your phone number. Touch **Voicemail number** if you want to set up another voicemail service.
 - **Sound**: Choose sound to play for a voicemail notification.
 - **Vibrate**: Choose an option for vibration to play for a voicemail notification.

Other call settings

- From the **Call settings** screen, under **Other call settings**, and configure the following options:
 - **Auto retry:** Automatically redials a call if it receives a busy signal from the network.
 - **TTY mode:** Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.
 - **DTMF tones:** Set the length of Dual-tone Multi-frequency tones, that play when you use the keypad during a call, such as when navigating phone menus.
 - **Voice privacy:** Activates Enhanced voice privacy (when available), to improve the security of your phone calls.

Section 6: Entering Text

This section explains how to select the desired text input method when entering characters. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

The phone comes equipped with an orientation detector that can tell if the phone is in an upright (Portrait) or sideways (Landscape) orientation. This feature is useful when entering text.

Text Input Methods

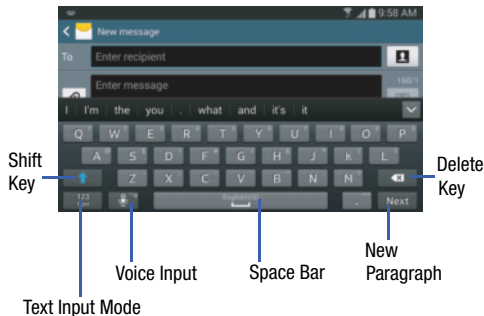
There are three text input methods available:

- **Samsung keyboard (default):** Samsung's onscreen QWERTY keyboard is used in both portrait and landscape orientation.
- **Google voice typing:** Enter text by speaking.
- **Swype™ keyboard:** The Swype onscreen keyboard allows you to slide your fingers from letter to letter in order to form words without lifting them as you would when typing text.

To change the input method, see “*Keyboards and Input Methods*” on page 149.

Entering Text Using the Samsung Keyboard

From a screen where you can enter text, rotate the phone counterclockwise to a Landscape orientation. The onscreen QWERTY keyboard displays.



Changing the Text Input Mode Keyboard

There are two main keyboard layout keys that will change the onscreen keys in the QWERTY keyboard.

The available Text Input modes are: **Sym** and **Abc**.

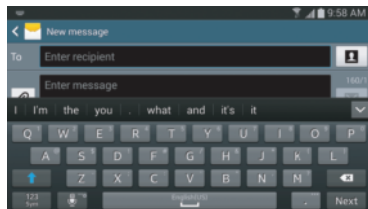
123 Sym **Symbol/Numeric Mode:** Activate the number, symbol, and emoticon keys.






ABC **ABC Mode:** Activate the default alphabet keys. Can also be set to Abc or abc by using the shift key.

Note: When in **Abc** mode, the **Sym** button displays. When in **Sym** mode, the **Abc/ABC/abc** button displays.

Using ABC Mode


1. If desired, rotate the phone counterclockwise to a Landscape orientation.
2. When you touch the **Enter message** field, the following screen displays:

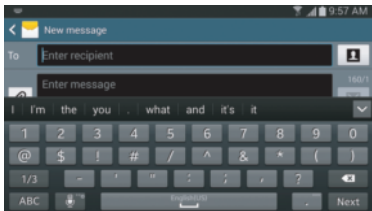




3. Touch the desired alphabetic characters.
4. The screen initially opens in ABC mode. After you type the first letter, the shift key  changes to  and following letters are lowercase.
5. Touch  to input another uppercase letter or touch  twice to switch to ABC mode. The shift key changes to  in ABC mode. All following letters are uppercase until you touch the shift key again.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emotions.






1. Rotate the phone counterclockwise to a Landscape orientation.
2. Touch  at the bottom of the screen. The following screen displays:



3. Touch the desired number, symbol, or emoticon characters.
4. Touch the  button to access additional symbols.
5. Touch  to return to Abc mode.




Predictive Text

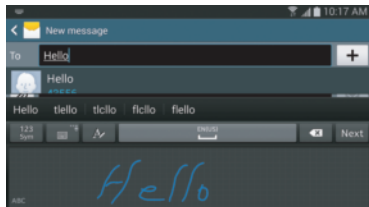
By using the Predictive Text option, you can have next letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

1. To turn Predictive Text on or off, touch  **Apps** → **Settings** → **My device** → **Language and input**.
2. Touch the  icon next to **Samsung keyboard**.
3. Touch the ON/OFF slider, located to the right of the **Predictive text** field, to .
4. In the text portion of the message screen, begin typing a word. A list of word options display. Touch one of the words to replace the word that was already typed or scroll the line of words to the left for more word choices.
5. Continue typing your message. Touch  to send the message or touch  for more options. For more information, refer to *"Text and Multimedia Messaging"* on page 64..

Entering Text Using Handwriting

You can enter text simply by using your finger to draw letters on your screen.

1. From the keyboard, touch and hold , then touch  **Handwriting**.
2. Use your finger tip to write out each character. You can print or use cursive.
3. You can write out the entire message using the Handwriting feature or touch  to switch back to Samsung keyboard mode.

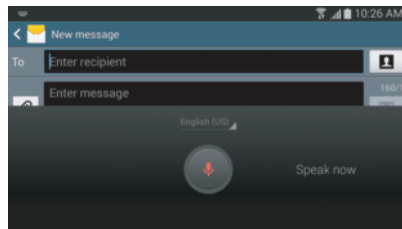


Using the Google Voice Typing Feature

You can use your voice to enter text using the Google voice typing feature.

1. From the keyboard, touch the top of the screen and drag it down to display your notification panel.
2. Touch **Select input method**.
3. Touch **Google voice typing**.
4. At the **Speak now** prompt, speak clearly and distinctly into the microphone.

The text displays in the message as you speak.



Note: The red microphone turns gray, when the feature times out. Touch the microphone icon to start again

Samsung Keyboard Settings

For information on how you can configure the Samsung keyboard settings, see *"Keyboards and Input Methods"* on page 149.

Entering Text Using Swype

Swype is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words.

Swype provides next-letter prediction and regional error correction, which compensates for users touching the wrong keys on QWERTY keyboards.

Enabling and Configuring Swype

The Samsung keyboard is the default text input method, so you must change the text input method to use Swype.

1. From the keyboard, touch the top of the screen and drag it down to display your notification panel.
2. Touch **Select input method**.
3. Touch **Swype**. The Swype keyboard displays.

Swype Keyboard Settings

For more information, refer to *"Keyboards and Input Methods"* on page 149..

Section 7: Messaging

This section explains how to send and receive messages, and other features associated with messaging.

Types of Messages




This phone supports these types of messages:

- **Text messages:** Send and receive simple text messages other mobile phones or email addresses (also known as SMS).
- **Multimedia messages:** Exchange text messages with pictures, video, and/or sound with other mobile phones or email addresses (also known as MMS).
- **Mobile IMs:** Exchange Instant Messages to other users of popular messaging sites.
- **Email:** Send and receive email using your email accounts, including Corporate mail.
- **Gmail:** Send and receive Gmail using your Google Account.
- **Voicemail:** Retrieve voice messages from callers.
- **Hangouts:** Chat with other Google Hangouts users.

Text and Multimedia Messaging

This phone can send and receive text and multimedia messages.

Creating and Sending Messages



1. From the Home screen, touch  **Messaging** →  **Compose**.
2. Touch **Enter recipient** and enter a name, phone number or email address.
– or –
Touch  to select from one of the following:
 - **Groups:** Select a recipient from the Group list.
 - **Favorites:** Select a recipient from the Favorites list.
 - **Contacts:** Select a recipient from your Contacts list (valid entries must have a wireless phone number or email address).
 - **Logs:** Select a recipient from a list of recently sent messages.

3. If adding a recipient from either Groups, Favorites, Contacts, or Recent, touch the contact and touch **Done**. The contact displays in the recipient field.


Note: Delete any unnecessary group members by touching their name/number in the recipient area and selecting **Delete**.

4. Touch **Enter message**, and use the onscreen keypad to enter a message.

5. While entering the message, these options are available:

-  **Attach** to add media or content to the message (converts the message to MMS).
-  **Menu** for options:
 - **Insert smiley:** Add a text emoticon to the message.
 - **Add text:** Select text from S Memo, Calendar, Location, Contacts, or Text templates to add.
 - **View contact:** View the contact record.



- **Add slide / Remove slide:** Add or remove a slide. Slides hold pictures or other media (adding a slide converts the message to MMS).
- **Add subject:** Add a subject field (converts the message to MMS.)
- **Scheduling:** Select a date and time for the message to be delivered.
- **Discard:** To close and delete this message.
- **Font size:** Choose the size the text will be.

6. Touch  to send the message.

Note: If you exit a message before it sends, the message is automatically saved as a draft.

Managing Messages



Messages that you send and receive to the same contact, number, or address are grouped together as a “conversation”. Threads allow you to see all the messages you exchanged with a recipient in one place.

1. From the Home screen, touch  **Messaging**.
2. Message threads display by contact, number, or address.
3. Touch and hold a thread to choose options, including:
 - **Delete**: Erase the entire message thread.
 - **View Contact / Add to Contacts**: View the contact record, or save the sender/recipient's information.
 - **Add to spam numbers**: Lists this phone number as a spam number and sends future messages from this number to the Spam messages folder.
4. Touch  **Menu** for options, including:
 - **Search**: Enter characters to search messages and recipients.
 - **Delete threads**: Touch message threads to mark them for erasure, or touch **Select all** to mark all message threads.
 - **Draft messages**: Displays a list of drafted messages.

- **Locked messages**: Displays list of messages that are locked to prevent deletion.
- **Scheduled messages**: Displays list of messages scheduled for later delivery.
- **Spam messages**: Displays a list of spam messages.
- **Font size**: Choose the size of the text.
- **Settings**: Configure Messaging settings.

Message Settings

Configure settings for message storage, delivery, or alerts.

1. From the Home screen, touch  **Messaging**.
2. Touch  **Menu**, and touch **Settings** for options:
 - **Default Messaging App**: select the application to you for messaging, such as Messaging, Hangouts, and so on.
 - **General settings**:
 - **Delete old messages**: Messages are automatically erased when storage reaches default limits.
 - **Text message limit**: Set the number of SMS messages per conversation.
 - **Multimedia message limit**: Set the number of MMS messages per thread.

- **Text templates:** Text templates are phrases that you can add to your messages. Use a pre-loaded text template, or create your own.
- **Text message (SMS) settings:**
 - **Delivery reports:** Receive a delivery report for text messages that you send.
 - **Auto combination:** Displays multiple-segment messages as a single message.
- **Multimedia message (MMS) settings:**
 - **Group messaging:** Send the same message to multiple recipients.
 - **Delivery reports:** Receive a delivery report for multimedia messages that you send.
 - **Auto retrieve:** MMS messages download automatically. When disabled, the phone prompts for download.
 - **Roaming auto retrieve:** MMS messages download and display automatically when roaming. When disabled, the phone prompts you to download new MMS messages.
 - **MMS alert:** Plays an alert tone when message mode changes from text (SMS) to multimedia (MMS).
- **Display:**
 - **Bubble style:** Choose the appearance of messages in a message thread. Touch a bubble style for each side of the conversation, then touch **Save**.
 - **Background style:** Choose the appearance of the screen behind message threads. Touch a style, then touch **Save**.
 - **Use the volume key:** When enabled, you can change the size of message text while viewing by pressing the Volume Key.
- **Notification settings:**
 - **Notifications:** Display message alerts in the Status bar.
 - **Select ringtone:** Choose a sound for message alerts.
 - **Vibrate:** Configure vibration for message alerts.
 - **Message alert repetition:** Sets the number of times to alert you when a new MMS message is received.
 - **Preview message:** Displays a preview of received messages.

- **Emergency message settings:**

- **Emergency Alerts:** This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS), including Presidential Alerts, Imminent Alerts (Severe or Extreme), and AMBER Alerts (missing persons). You may choose not to receive Imminent and AMBER alerts, but Presidential Alerts cannot be disabled. All alerts are enabled by default (a check mark displays). For more information about Emergency Alerts see “*Emergency Alerts*” on page 69.
- **Emergency notification preview:** Listen to an example of a Emergency Alert tone (and vibration, if enabled). The Emergency Alert tone plays at the same volume as your call ringtone.
- **Vibrate:** Vibrates your phone for Emergency Alerts.
- **Alert reminder:** Choose whether, and at what interval, the phone plays a sound to notify you of a Emergency Alert after the Emergency Alert tone has stopped.

- **Signature settings:**

- **Add signature:** Adds a signature to outgoing messages.
- **Signature text:** Enter the text for your message signature.

- **Spam message settings:**

- **Spam settings:** Activates the list of Spam message settings.
- **Add to spam numbers:** Registers numbers that were blocked when they send you a message.
- **Add to spam phrases:** Register phrases typically used in spam messages.
- **Block unknown senders:** Blocks messages from senders with “Unknown” numbers.

Emergency Alerts

This device is designed to receive Wireless Emergency Alerts from the Commercial Mobile Alert Service (CMAS).



Emergency Alerts are geographically targeted and alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert.

There are three types of Emergency Alerts:



- Presidential
- Imminent (Severe or Extreme)
- AMBER Alerts (missing person alert)

You may choose not to receive Imminent Alerts and AMBER Alerts. Presidential Alerts, however, cannot be disabled.

Disable Imminent Threat Alerts (Extreme and Severe) and AMBER Alerts:

1. From the Home screen, touch  **Messaging**.
2. Touch  **Menu** → **Settings**.
3. Touch **Emergency Alerts**. Alerts are enabled by default. Touch an alert to disable it.


Listen to an example of a Emergency Alert tone:

1. From the Home screen, touch  **Messaging**.
2. Touch  **Menu** → **Settings** → Touch **Emergency notification previews**. The Emergency Alert tone plays at the same volume as your call ringtone.

Email

Send and receive email using popular email services.

Creating an Email Account



1. From the Home screen, touch  **Email**.
Your accounts screen displays with an Email setup screen displayed.
2. Enter your email address in the **account@example.com** field.
3. Enter your password in the **Password** field.

Tip: If you want to see your password as you type it, touch **Show password** to enable it.

4. Touch **Next**.
5. At the **Account options** screen, select any of the options you want to change or enable/disable.
6. Touch **Next**.
7. At the **Set up email** screen, enter a name for this email account (optional) and/or enter your name as you want it to appear in your outgoing messages.
8. Touch **Done**.



Creating a Microsoft Exchange Email Account

Use the following procedure to configure your phone to synchronize with a Microsoft Exchange email account.

1. From the Home screen, touch  **Menu** → **Settings** →  **Accounts** → **Add account** → **Microsoft Exchange ActiveSync**.
The **Add an Exchange ActiveSync account** screen appears.
2. Enter your email address in the **account@example.com** field.
3. Enter your password in the **Password** field.



Tip: If you want to see your password as you type it, touch **Show password** to enable it.

4. Touch **Manual setup** or **Next** (for automatic setup).
5. The **Exchange server settings** screen displays.
6. As needed, change or enter the Exchange server information for your account, then touch **Next**.
7. Follow the prompts to activate server communication functions, such as security, as required.



8. At the **Account options** screen, select any of the options you want to change or enable/disable.
9. Touch **Next**.
10. At the **Set up email** screen, enter a name for this email account (optional).
11. Touch **Done**.
12. Press  **Home** to return to the Home screen, then touch  **Email**

Creating Additional Email Accounts






To create additional email accounts:

1. From the Home screen, touch  **Email**.
Your Email screen displays showing your emails from the active account.
2. Touch  **Menu** → **Settings** → **Add account**.
3. Enter the information required to set up another account. For more information, refer to "*Creating an Email Account*" on page 70.

Switching Between Email Accounts

1. From the Home screen, touch  **Email**.
Your Email screen displays showing your emails from the active account.
2. Touch the Inbox button  at the top of your screen that displays the optional name (such as Work, Personal, and so on) you assigned to your email account. Your Email accounts screen displays.
3. Touch the Email account Inbox you would like to switch to. You can also select **Combined inbox** which displays email messages from all accounts.
4. The new Email account displays.



Composing and Sending Email

1. From the Home screen, touch  **Email** →  **Compose**.
2. Touch fields to enter recipients and the email text.
3. While composing a message, touch  **Attach** to add a file attachment to the message.
4. Touch  **Menu** for email options.
 - **Send email to myself:** Adds your email as a recipient.
 - **Scheduled email:** Lets you send the email at some time or date in the future.
 - **Priority:** Choose High, Normal or Low priority.
 - **Tracking options:** Choose read receipt and/or delivery receipt.
 - **Security options:** Choose encryption and/or to sign the email.
5. Touch  **Send** to send the message.

Managing Emails

Refreshing Your Email Account



Refresh your account to update the phone from the servers.

1. From the Home screen, touch  **Email**.
2. Touch  **Refresh**.

Email Account Settings



Use Account settings to configure handling of your email.

Note: Available settings depend on the email provider.

1. From the Home screen, touch  **Email**.
2. Touch  **Menu**, then touch **Settings**.
3. Touch an account name to set options.



Gmail


Send and receive emails using Gmail, Google's web-based email.

- From the Home screen, touch  **Apps** →  **Gmail**.

Setting Up Your Gmail Account




The first time you launch Gmail, the device prompts you to set up your Google Account, unless you have already set up a Google Account during set up of your phone.

1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch **New** to create a new account, or **Existing** to sign in to a created account.
3. The device communicates with the Google server to set up your account and synchronize your email.

Note: You can use more than one Google Account on the phone. To add another account, from within Gmail, touch  **Menu** → **Settings** → **Add account** option.




Refreshing Your Gmail Account

Refresh your account to update messages on the device.






1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Menu** → **Refresh**.

Managing Your Gmail Account

Use menu options to manage your Gmail.




1. From the Home screen, touch  **Apps** →  **Gmail**.
2. Touch  **Menu** for options.

Composing and Sending Gmail

1. From the Home screen, touch  **Apps** →  **Gmail** →  **New message**.
2. Touch fields to compose the message. While composing, touch  **Menu** for options.
3. When your message is complete, touch  **Send**.

Hangouts



Hangouts is a free web based application for instant messaging offered by Google. Conversation logs are automatically saved to a Chats area in your Gmail account. This feature allows you to search a chat log and store them in your Gmail accounts.

1. Log on to your Google Account if you have not already done so. For more information, refer to *"Your Google Account"* on page 14..
2. From the Home screen, touch  **Apps** →  **Hangouts**.
3. Begin using Hangouts.
4. Touch  **Menu** → **Help** for more information on using Hangouts.

Note: The Network confirms your login. This process could take up to 5 minutes to complete.









Google+

Google+ makes messaging and sharing with your friends a lot easier. Set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign on to your Google Account. For more information, refer to *"Your Google Account"* on page 14..
2. From the Home screen, touch  **Apps** →  **Google+**.
3. Select the account you want to use to sign in to Google+.
– or –
Touch **Existing** and sign in, or touch **New** and create a new account.
4. Follow the onscreen instructions to use Google+.
5. Visit google.com/mobile/+/ for more information.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately share it using Messaging, Gmail, or Bluetooth. Recording time varies based on the available memory within the phone.

1. From the Home screen, touch  **Apps** →  **Voice Recorder**.
2. To start recording, touch  **Record** and speak into the microphone.
3. During the recording process you can either touch  **Stop** to stop and save the recording or  **Pause** to temporarily halt the recording. After pausing, touch  **Record** to resume recording.
4. Once the audio recording has stopped, the message is automatically saved. Touch  **Cancel** to cancel the recording without saving.
5. Touch  **List** to display a list of all your voice recordings.
6. Touch a voice recording to play it.

7. Touch and hold a voice recording for these options:

- **Share via:** Share your recording using Bluetooth, Dropbox, Email, Gmail, Group Play, Messaging, and so on.
 - **Delete:** Delete the voice recording.
 - **Rename:** Rename your voice recording.
 - **Set as:** Set the voice recording as a Phone ringtone, Caller ringtone, or Alarm tone.
 - **Details:** View details of the voice recording, such as Name, Last modified time, Location, Duration, and Size.
8. While viewing the list of voice recordings, touch  **Menu** and select from the following options:
- **Share via:** Select and share your recording(s) via Add to Dropbox, Bluetooth, ChatON, Drive, Email, Gmail, Messaging, Samsung Link, or Wi-Fi Direct.
 - **Delete:** Delete 1 or more voice recordings. Select the recordings to delete and touch **Delete**.

- **Settings:** The following settings are available:
 - **Storage:** Select where your recordings are saved. Selections are **Device** or **Memory card** (not included).
 - **Recording quality:** Set the recording quality to **High** or **Normal**.
 - **Limit for multimedia messages:** Selecting On limits the message size so the recording size attaches to an MMS message.
 - **Contextual filename:** Creates filenames based on your location using the Location tag when connected to a network.
 - **Default name:** Select the name prefix for recordings. For example, if your Default name is Voice, your recordings would be named Voice 001, Voice 002, and Voice 003.
 - **Noise reduction:** Reduces background noise being recorded.
 - **Recording volume:** Select High or Low.
 - **Skip interval:** Select 10 sec., 30 sec., or 60 sec.
- **End:** Exit the Voice Recorder app.

9. While viewing the main Voice Recorder screen, touch



Menu and select from the following options:

- **Settings:** Configure Voice Recorder options.
- **End:** Exit the Voice Recorder app.



Section 8: Multimedia

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

Browse the latest movies and TV shows, then rent or purchase the media for viewing on the phone.

Note: Media Hub service requires a Media Hub account, and depends on service availability.



- From the Home screen, touch  **Apps** →  **Media Hub**.


Note: To rent or buy media, you must have a Samsung account.

Music

The Music application can play music files. The Music app supports files with extensions AAC, AAC+, eAAC+, MP3, and WMA. Launch Music to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB display).

Playing Music





1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch a library category tab at the top of the screen (Songs, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.

Tip: To play music in background, press  **Home**. The Music app screen closes and playback controls display in the Notification area (see “*Notifications*” on page 26).

Music controls



The following Music controls are available:

-  **Pause** the song.
-  **Start** the song after pausing.
-  Touch and hold to **rewind** the song. Touch to go to previous song.
-  Touch and hold to **fast-forward** the song. Touch to go to next song.



Group Play: Share playback of a song with other, devices. For more information, refer to "Group Play" on page 102..



Control the **volume** and the **SoundAlive** equalizer.




Shuffle On: Randomly shuffle the current list of songs for playback.



Shuffle Off: Play songs in the listed order.



Favorite: Touch to add this song to the Favorites playlist. Star changes color to .



Repeat one: Repeat the song currently playing.



Repeat all: Replay the current list when the list ends.



Play All: Play the current song list once.






Reduced display: Reduces playback display to include the current song list.



Music List: Return to the current playlist.




Music options

To access additional options, follow these steps:

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Menu** and select from the following options (options vary depending on activity):
 - **Via Bluetooth:** Scans for devices and pair with a Bluetooth headset.
 - **Play via Group Play:** Shares playback of this music file with other Group Play devices. For more information, refer to “Group Play” on page 102..
 - **Add to playlist:** Adds the current music file to a playlist.
 - **Set as:** Assigns this music file as the Phone ringtone, a Caller (Contact) ringtone, or an Alarm tone.
 - **Delete:** Deletes selected music files from your phone.
 - **Search:** Searches for music files.
 - **Scan for nearby devices:** Scan for nearby Bluetooth-enabled devices.
 - **Settings:** Changes your Music settings.
 - **Details:** Views file information, such as Artist, Title, Album, Track length, and so on.
 - **End:** Closes the Music Player application.

Music file settings

The Music settings menu allows you to set preferences for the music player such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Menu** → **Settings**.





The follow settings are available:

- **Music menu:** Select which categories you want to display in the Music menu, such as Albums, Artists, Genres, and so on.
- **SoundAlive:** Select music equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and so on.
- **Play speed:** Sets the play speed anywhere between 0.5X and 2.0X using the slider.
- **Music auto off:** Turns off music automatically after a set interval.
- **Lyrics:** Displays the song's lyrics, if available.
- **Smart volume:** Automatically adjusts each track's playback volume to an equal level.
- **Voice control:** Uses S Voice commands to control the Music app.

Using Playlists





Playlists are used to assign songs to a list of preferred media that can then be grouped into a list for later playback. These Playlists are created using either the device's Music Player options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the device.

Creating a Playlist

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Playlists**.
3. Touch  **Menu** → **Create playlist**.
4. Enter a name for this playlist in the field and touch **OK**.





Adding Music to a Playlist

To add files to the playlist:

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Playlists**.
3. Touch the playlist name in which to add music.
4. Touch  **Add music**.
5. Touch a music file, or touch **Select all** to add all the music tracks to this playlist then touch **Done**.

Removing Music from a Playlist





To remove music files from a playlist:

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Playlists**.
3. Touch the playlist name in which to delete music.
4. Touch  → **Remove**.
5. Touch the check box to the left of each track that you want to remove from this playlist, or touch **Select all** to remove all the music tracks from this playlist.
6. Touch **Remove**.

Editing a Playlist Name

Besides adding and removing music files in a playlist, you can also rename the playlist.



To edit a playlist:

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch  **Playlists**.
3. Touch  **Menu** → **Edit title**, and touch the playlist you want to rename.
4. In the **Edit title** pop-up, enter a new name for the playlist, and then touch **OK**.

Note: For information on downloading music for the phone, see “*Connecting as a Storage Device*” on page 126.

Setting a Song as a Ringtone

You can set a song as a ringtone for all voice calls, for calls from an individual contact, or as an alarm tone.

1. From the Home screen, touch  **Apps** →  **Music**.
2. Touch and hold on a song; then touch **Set as** and choose from these options:
 - **Phone ringtone:** Set the song as the default ringtone for all incoming voice calls.
 - **Caller ringtone:** Choose a contact to set the song as the ringtone for calls from the contact.
 - **Alarm tone:** Set the song as the alarm ringtone for a new alarm, or for an existing alarm.

Google Play Books

With Google Play Books, you can shop the world's largest selection of ebooks and read them anywhere you like—on a phone, tablet, e-reader, or the Web.


1. From the Home screen, touch  **Apps** →



2. Follow the onscreen instructions for using the Play Books application.

Google Play Newsstand

Google Play Newsstand is a subscription service where you can shop a wide selection of titles, from cooking to technology, travel, fashion, sports, photography, and more. Buy new issues or back issues, subscribe and get free 14 or 30-day trials, and customize your reading experience for the phone.


1. From the Home screen, touch  **Apps** →



2. Follow the onscreen instructions for using the Play Magazines application.

Google Play Movies & TV

With Google Play Movies & TV, you can rent or purchase thousands of movies and TV shows. You can watch instantly or download your movie or TV show for offline viewing at a later time.




1. From the Home screen, touch  **Apps** →



2. Following the onscreen instructions for renting and viewing movies.



Google Play Music

With Google Play Music, you can play music that you have added to your music file and any music you copied from your PC. While offline, you can listen to music that you have copied from your PC.

1. From the Home screen, touch  **Apps** →  **Play Music**.
2. Music Player scans for songs stored in phone memory, or on an installed memory card, and displays your songs on the **Listen now**, **My Library**, **Playlists**, or **Instant Mixes** tabs.
3. Touch a music file to begin playback.
4. Touch  **Menu** for the following options:
 - **Refresh**: Synchronize your music folders with the Google Play Music server.
 - **Settings**: View Open source licenses and the music version for the Play Music application.
 - **Help**: View a help file on the Google Support web site.

Video

The Video application identifies and plays video files (3GP or MP4) stored on the phone or on an optional microSD Memory card.

1. From the Home screen, touch  **Apps** →  **Video**.
2. Video Player scans for videos stored in phone memory, or on an optional installed memory card (not included), and displays the **Recently played** video and thumbnail images of your videos.
3. Touch a video to play. While playing, touch the screen to display or hide onscreen playback controls:



Group Play: Share playback of a song with other devices. For more information, refer to "*Group Play*" on page 102..



Volume: Activates an onscreen volume control. Touch and drag the scale to set volume, or press the Volume key on the side of the phone.



Full-screen in ratio view: The video is enlarged as much as possible without becoming distorted.



Full-screen view. Displays the video on the entire screen. This view may cause image distortion.



Original size view: The video plays in its original size.



Maximum diagonal view: The video plays in its original size.



Back: Moves backward to the previous video. Touch and hold to scan backward through the current video.



Pause: Pauses playback.







Play: Plays the video.




Forward: Advances to the next video. Touch and hold to scan forward through the current video.





Pop-up Player: The video plays in a small window so you can use the phone for other purposes while watching the video from the front screen instead of in the player. Double-tap the small window to return to the player and normal size.

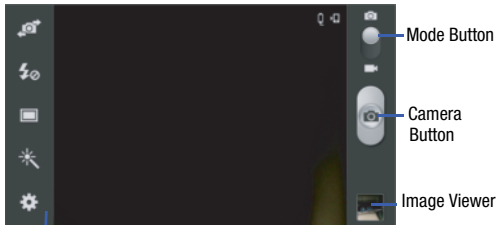
Note: The screen view icons (, , , and ) are a four-way toggle. The displayed icon indicates the mode used after you touch the icon.

4. While playing a video, touch  **Menu** for more video options.

Camera

Use the phone's built-in Camera to take pictures and record video.

- From the Home screen, touch  **Apps** →  **Camera**.






Options menu

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Taking Pictures

1. From the Home screen, touch  **Apps** →  **Camera**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
 - Touch the screen to focus on the area you touched.
 - “Pinch” the screen, or press the **Volume** key, to zoom in or out.
 - Configure settings, see “*Camera Options*” on page 86.
3. Touch the **Camera** button  to take the picture.
4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:



Change player: displays the picture on other, devices using Group Play. See “*Group Play*” on page 102..



Share via: Send the picture using Group Play, Dropbox, Flipboard, Picasa, Email and so on.




Edit: Edit the photo with either *Photo Editor* or *Paper Artist*.



Delete Erase the picture.

You can also “Pinch” the screen, or touch the zoom icons, to zoom in or out, or double-touch to zoom all the way in or out.

5. Touch  **Menu** to access additional options, such as, **Favorite**, **Slideshow**, **Photo frame**, **Photo note**, **Copy to clipboard**, **Print**, **Rename**, **Buddy photo share**, **Rotate left**, **Rotate right**, **Crop**, and so on.

Camera Options

Touch these **Options** to configure the camera:



Self-portrait: Switch to the front camera lens, for self-portraits.



Flash: Choose Off, On, or Auto flash.



Shooting mode: Choose an automatic shooting mode, from:

- **Single shot:** Take a single photo.
- **Best shot:** The camera automatically selects the best of 5 photos to save.
- **Best face:** The camera automatically selects the best facial shot out of 5 shots to save.
- **Sound & shot:** Record sound to play when viewing a picture.

- **Face detection:** Touch the Camera button to focus on and take a picture of the subject's face.
- **Panorama:** Take a landscape photo by taking an initial photo and then adding additional images to the initial photo. The guide box lets you view the area in which the second part of the panoramic picture should fall.
- **Share shot:** Use Wi-Fi Direct to share your pictures quickly with your friends.
- **HDR:** Take pictures in HDR (High Dynamic Range) mode to increase image detail.
- **Buddy photo share:** Use face recognition from pictures in your contacts to send your friends or family pictures of themselves.
- **Beauty:** Adjust the contrast to create a smooth facial feature effect.
- **Smile shot:** Touch the Camera button to focus on the subject's face. If a smile is detected, the picture is taken automatically.
- **Low light:** Adjust the exposure to take better photos in low light conditions.



Color effects: Choose color theme for the photo: Negative, Sepia, Black and white, Cartoonify, Washed out, Red-yellow point, Blue point, Green point, and so on.



Settings


- **Edit shortcuts:** Select which function shortcuts display in the function menu.
- **Burst shot:** Automatically take multiple pictures in a row instead of a single picture.
- **Location Tag:** Add location information to photo details.
- **Self-portrait:** Set the front camera so you can take pictures of yourself.
- **Flash:** Choose Off, On, or Auto flash.
- **Shooting mode:** Choose Single shot, Best photo, Best face, and so on.
- **Effects:** Apply a color effect to pictures.
- **Scene mode:** Choose a mode to match conditions.
- **Exposure value:** Adjust the picture brightness level by moving the slider.

- **Focus mode:** Choose either Auto focus or Macro.
- **Timer:** Set a delay before taking a picture.
- **Resolution:** Choose a size (in pixels) for the image.
- **White balance:** Choose a setting for the light source.
- **ISO:** Choose a setting for imaging sensitivity.
- **Metering:** Select a method for measuring light.
- **Auto contrast:** Allow automatic light/dark adjustment.
- **Guidelines:** Enable or disable an onscreen grid to aid in photo composition.
- **Auto share shot:** Allows you to share photos quickly with other enabled devices by simply bringing them together (typically back to back).
- **Anti-Shake:** Minimize the effect of camera movement.

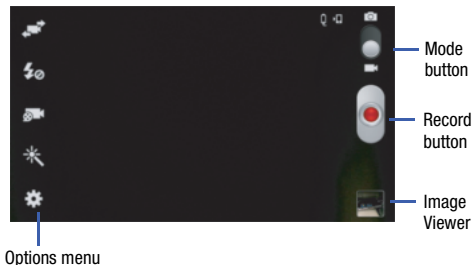
- **Contextual filename:** Allows you to set the video file name to a name describing the video content or location (e.g., South Padre Beach).
- **Voice control:** Take pictures using voice commands.
- **Image quality:** Choose a quality setting for photos.
- **Storage:** Choose to store your pictures in Phone memory or on an optional Memory card.
- **Reset:** Set all Camera settings to the defaults.

Camcorder

Use the phone's built-in Camcorder to record video.

- From the Home screen, touch  **Apps** →

 **Camera** →  **Mode**.











Important! Do not take videos of people without their permission.

Do not take videos in places where cameras are not allowed.

Do not take videos in places where you may interfere with another person's privacy.




Capturing Video

1. From the Home screen, touch  **Apps** →  **Camera** →  **Mode**.
2. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
 - Touch the screen to focus on the area you touched.
 - “Pinch” the screen, or press the **Volume** key, to zoom in or out.
3. Touch the  **Record** button to start recording.
4. Touch  **Capture** to take a screenshot while recording.
5. Touch  **Pause** to Pause the camcorder.
6. Touch  **Stop** to stop recording.
7. Touch **Image Viewer** to view the video after recording.
8. Choose the application to view the video, such as **Video**. For more information, refer to “Video” on page 83.
9. Touch  **Menu** to mark the video as a Favorite, to play the video as part of a Slideshow, to rename the video, to view details about the video, or to access Image Viewer settings.

10. Touch  **Back** to return to the Camcorder to record more videos.

Camcorder Options

Configure the camcorder.

1. From the Home screen, touch  **Apps** →  **Camera** →  **Mode**.
2. Use these options to configure the camcorder:



Self recording: Record video with the front camera.



Flash: Choose Off, or On.



Recording mode: Choose a recording mode, from:

- **Normal:** Record a video of any length.
- **Limit for MMS:** Record a video of a size suitable for sending in a Video message.



Color effects: Choose color theme for the video: Negative, Sepia, Black and white, Cartoonify, Washed out, and so on.





Settings

- **Edit shortcuts:** Select which function shortcuts display in the function menu.
- **Location tag:** Add GPS location information to video details.
- **Self-recording:** Set the front camera so you can take videos of yourself or video chat.
- **Flash:** Choose Off or On.
- **Recording mode:** Choose Normal or Limit for MMS recording mode.
- **Effects:** Apply an effect to videos.
- **Exposure value:** Adjust the picture brightness level by moving the slider.
- **Timer:** Set a delay before starting recording.
- **Resolution:** Choose a size (in pixels) for the recording.
- **White balance:** Choose a setting for the light source.
- **Guidelines:** Display a grid to aid in video composition.
- **Anti-Shake:** Minimize the effect of camcorder movement.
- **Contextual filename:** Allows you to set the video file name to a name describing the video content or location (i.e., South Padre Beach).
- **Video quality:** Choose a quality setting for videos.
- **Storage:** Choose to store your videos in Phone memory or on an optional Memory card.
- **Reset:** Set all Camcorder settings to the defaults.

Gallery

The Gallery is where you view photos and videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.



Note: You can increase Gallery photo and video storage by installing a memory card. For more information, refer to *"Installing a Memory Card"* on page 7..

1. From the Home screen, touch  **Apps** →  **Gallery**.
All of the Albums that hold your pictures and videos display with folder name(s) and number of files.

Note: If your device indicates that memory is full when you access Gallery, delete some of the files by using **My files** or another file management application and try again. For more information, refer to *"My Files"* on page 106..

2. Touch an Album and thumbnails of the contents displays.

Viewing Pictures

1. From the Home screen, touch  **Apps** →  **Gallery**.
2. Select an album, then touch a picture to view it.
3. While viewing a picture, touch the screen for options.



Change player: Displays this picture on other devices. For more information, refer to *"Group Play"* on page 102..




Share via: Sends the picture using Group Play, Dropbox, Flipboard, Picasa, and so on.



Delete: Erases the picture.






Camera: Take a new picture. For more information, refer to *"Camera"* on page 85.

4. Touch  **Menu** for the following additional options:
 - **Edit:** Edit the picture using the downloadable Photo Editor app or Paper Artist app.
 - **Favorite:** Mark the picture as a Favorite.
 - **Slideshow:** View a slideshow of your photos and videos.
 - **Photo frame:** Apply a selected frame to this picture.
 - **Photo note:** Add a note to the back of this picture.
 - **Copy to clipboard:** Create a copy, to paste into other apps.

- **Print:** Print the picture using Wi-Fi to a compatible Samsung printer.
- **Rename:** Change the picture's filename.
- **Buddy photo share:** Send the picture to the Contacts whose Contact photos match faces in the picture.
- **Rotate left:** Rotate the image 90 degrees counter-clockwise.
- **Rotate right:** Rotate the image 90 degrees counter-clockwise.
- **Crop:** Select a portion of the picture to save.
- **Edit weather tag:** Edit the file's weather tag, if available.
- **Get directions:** View the location the photo was taken if a location tag is available.
- **Set as:** Assign the picture as a Contact photo, or as wallpaper.
- **Details:** View information about the picture.
- **Settings:** Select values for SNS data management, Tags, and Sound & shot.

Viewing Videos



1. From the Home screen, touch  **Apps** →  **Gallery**, and select an album. A matrix or list of available videos displays.
2. To play a video, touch its thumbnail or list entry.
3. Select a video player, such as Video or Photos.
4. Touch the screen to display video player controls. For more information, refer to "Video" on page 83. or "Photos" on page 107.
5. Touch  **Menu** for the following additional options:
 - **Share via:** Send the video using add to Dropbox, Bluetooth, ChatON, Drive, Email, Gmail, and so on.
 - **Chapter preview:** View a matrix of chapter thumbnail images from this video, and choose the chapter you want to watch.
 - **Edit:** Remove unwanted frames from this video.
 - **Via Bluetooth:** Send a copy of this video to another device using a Bluetooth connection.
 - **Video auto off:** Set video playback to automatically end after playing an entire video or a particular length of time.
 - **Subtitles (CC):** Displays subtitles in closed captioning format.
 - **Settings:** Select values for Mini controller, Brightness, Capture, Play speed, SoundAlive, Subtitles, Tag buddy, and Edit weather tag.
 - **Details:** View details about the video.

Sharing Using S Beam

You can also share Gallery photos and videos with compatible devices using S Beam. For more information, refer to “S Beam” on page 123..

YouTube

Access your YouTube™ account, and view and upload YouTube videos from the phone.

1. From the Home screen, touch  **Apps** →  **YouTube**.
2. Follow the onscreen instructions for using the YouTube application.



Section 9: Applications and Widgets

This section contains a description of each application and widget that is available in the Apps and Widget menus, the function, and how to navigate through that particular application or widget. If the application or widget is already described in another section of this user manual, then a cross reference to that particular section is provided.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens. For more information, refer to *"Customizing the Home Screen"* on page 31..


You can also add an application icon as a Primary Shortcut that displays on all Home screens. If you add an application as a primary shortcut, the application icon does not display in the Apps menu. For more information, refer to *"Adding Shortcuts"* on page 31..

Accessing Applications

1. Press  **Home**, touch  **Apps**, then touch the **Apps** tab. The **Apps** screen displays on the screen.
2. Sweep your finger right or left to scroll the Apps screens.
3. To launch an application, touch the application's icon.


Customizing the Applications Screens

By default, application icons appear in Customizable grid view. You can change the view to Alphabetical grid view or Alphabetical list view.

1. From the **Apps** screen, touch  **Menu** → **View type**.
The available options are:
 - **Customizable grid:** Arrange application icons in the order you prefer, including organizing them into folders.
 - **Alphabetical grid:** Application icons automatically arranged in alphabetical order.
 - **Alphabetical list:** Application icons automatically listed in alphabetical order.

Moving Application icons

With the **Apps** screen in Customizable grid view, you can arrange the application icons to suit yourself.


1. From the Home screen, touch  **Menu** → **Edit**.

Note: The **Edit** option is not available with the **Apps** screen **View type** set to **Alphabetical list**.

2. Touch and hold an application icon, then drag it to a new location.
3. Touch **Save** when you are finished.

Filtering Application icons



You can select which icons appear in the **Apps** screen.

1. From the Home screen, touch  **Menu**, then touch **Hide applications**.
2. Mark those applications you do not want to appear on the **Apps** screen by touching their icons (check marks appear in their check boxes).
3. Touch **Done**. The **Apps** screen displays without the hidden applications.


Creating Application Folders

You can create application folders to hold similar applications if you wish.

To create a folder follow these steps:

1. From the **Apps** menu, touch  **Menu** → **Create folder**.
2. Enter a folder name and touch **OK**. The new folder displays on the **Apps** menu.
3. Touch  **Menu** → **Edit**.
4. Touch and hold an application that you would like to move to a folder.

The folder icon displays with the application icon displayed on top of it.

5. Repeat step 4 to add additional apps to the folder.
6. To view information on an application, touch and drag the application shortcut up to the **Info**  icon.
7. Touch **Save**.

Applications List

Amazon


Shop with Amazon.

- From the **Apps** menu, touch  **Amazon**.

Amazon Kindle


Use the Amazon Kindle™ application to download books for reading, right on your device.

Note: You must be registered with Amazon to use the Kindle application. At the prompt, enter your Amazon account credentials.

- From the **Apps** menu, touch  **Amazon Kindle**.

Amazon MP3

Shop for music with Amazon.

- From the **Apps** menu, touch  **Amazon MP3**.

Note: You must be registered with Amazon to use the Kindle application. At the prompt, enter your Amazon account credentials.

Appstore (Amazon)


Browse and download applications, games, and more from the Amazon application store.

- From the **Apps** menu, touch  **Appstore**.

Note: Airtime or download charges may apply when using Appstore.


Calculator


Use the phone's Calculator to perform arithmetical calculations (addition, subtraction, multiplication, and division).

- From the **Apps** menu, touch  **Calculator**.

Calendar

Record events and appointments to manage your schedule.

1. From the **Apps** menu, touch  **Calendar**.
2. Touch one of the following tabs to choose a calendar view:
 - **Year:** Display all twelve months of this year. Sweep across the years at the bottom of the screen to display another year.
 - **Month:** Display the current month. Touch a month and year at the bottom of the screen to display another month.
 - **Week:** Display the current week. Touch a week at the bottom of the screen to display another week.
 - **Day:** Display today's schedule by hour. Touch day at the bottom of the screen to display another day.
 - **List:** Display only event and task names and dates for a selected year. Touch a year at the bottom of the screen to display another year. Touch a date to hide or show the event or task name.
 - **Task:** Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, month, or group.

3. Swipe left or right across the screen to view other days, or weeks.
4. Swipe up or down the screen to view other events.
5. Use the onscreen keyboard to enter a search term. Possible events display as you type.
6. Touch  **Menu** for these options:
 - **Go to:** Display a specific date.
 - **Delete:** Delete an event.
 - **Search:** Search for calendar events.
 - **Sync:** Synchronize the device's calendar with your account calendars.
 - **Calendars:** Manage your device and account's calendars.
 - **Settings:** Customize the calendar.

Customizing the Calendar


1. From the **Apps** menu, touch  **Calendar**.
2. Touch  **Menu**, then touch **Settings** to configure these settings:
 - **View settings:**
 - **View styles:**
Month view styles: Choose month view style (Calendar view + list, Calendar view +pop-up).

Week view: Choose Timeline or Analog view for a week's events.

- **First day of week:** Choose a day to begin each week.
- **Hide declined events:** Enable or disable display of events.
- **Lock time zone:** Sets event times and dates to a specified time zone, so that times and dates do not change if you move to another time zone.
- **Select time zone:** Specifies the time zone for all events.
- **Show week number:** Display the number of the week (1–52) in the **W** column to the left of **Sun**.



• **Event notification:**

- **Set alerts and notifications:** Choose Alert to receive alerts, Status bar notification to display notifications in the Status bar, or Off for no notifications or alerts.
- **Select ringtone:** Choose a ringtone for event notifications, then touch **OK**.
- **Vibration:** Enable/disable vibration for event notifications.
- **Quick responses:** Pre-composed text to include with email notifications to meeting attendees, guests, and so on.

2. Touch  or double-tap a date.
3. Touch **Add event** / **Add Task**, fill in and select the information for this event or task, and then touch **Save**.

Sending Events

Send events as vCalendar files to other compatible devices.

1. From the **Apps** menu, touch  **Calendar**.
2. Touch an event to display its details.
3. Touch  **Menu** → **Share via**.
4. Select the desired Sharing method from the **Share via** pop-up.
5. Follow the prompts to send a copy of a Calendar event to another device. For more information, refer to "*Connections*" on page 115..

Creating an Event or Task

1. From the **Apps** menu, touch  **Calendar**.

Camera


Use the device's built-in Camera to take pictures and record video.

For more information, refer to "Camera" on page 85. and "Camcorder" on page 88.

ChatON


Provides a global mobile communication service where you can chat with more than 2 buddies via a group chat. Share things such as pictures, videos, animation messages (Scribbles), audio, Contacts, Calendar entries, and Location information.

For more information, visit: <https://web.samsungchaton.com>.


1. From the **Apps** menu, touch  **ChatON**.
2. Follow the onscreen instructions.

Chrome

The Google Chrome app allows you to use the Google Chrome web browser on the phone.

1. From the **Apps** menu, touch  **Chrome**.
2. Follow the onscreen instructions to use Google Chrome.

Clock

- From the **Apps** screen, touch  **Clock**.

The Clock application includes these features:

- **Alarm clock:** Create alarms to go off once, or to repeat.
- **World clock:** Display the time and date in any time zone.
- **Stopwatch:** Record lap times.
- **Timer:** Measure elapsed time.
- **Desk clock:** Choose whether the clock calendar and weather displays on the screen, and what outputs are active, when you connect the phone to an optional dock.


Contacts


Contacts lets you access and manage your Contacts list, Contacts Groups, Favorites list, and Speed dial settings.

For more information, refer to “*Contacts*” on page 39..

Downloads


View and manage files and other items you download to the phone.

1. From the **Apps** menu, touch  **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)



Note: Applications you download using  **Play Store** are managed with that app, and do not appear in the **Downloads** list.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

1. Touch  **Drive**.
2. Sign in to your Google account. For more information, refer to “*Setting Up Your Gmail Account*” on page 73. A product tour displays the first time you access Drive.
3. Touch **Next** to view the product tour or touch **Go to Drive** to get started.

Tip: Touch  **Menu** → **Product Tour** to repeat the product tour at any time.

4. Follow the onscreen instructions to use Drive.
5. Touch  **Menu** → **Settings** to configure your Drive preferences.
6. Touch  **Menu** → **Help** to display additional help information.

Dropbox

Dropbox is a “cloud” file storage service. The Dropbox app lets you create an account with Dropbox or link with your existing Dropbox account. For more information, refer to dropbox.com.


- From the **Apps** menu, touch  **Dropbox**.

Email

Send and receive email using popular email services. For more information, see “Email” on page 70.

Flipboard

The Flipboard application creates a personalized digital magazine out of information shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook news feed, tweets from your Twitter account, photos from friends, and much more.

- From the **Apps** menu, touch  **Flipboard**.


Gallery

The Gallery is where you view photos and videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

For more information, refer to “Gallery” on page 91..

Game Hub

Provides a premium one-stop service center that let's you play, connect, and share games on compatible Samsung Android devices.

1. From the **Apps** menu, touch  **Game Hub**.
2. Follow the onscreen instructions and navigate to your favorite games and services.


Gmail

Send and receive emails using Gmail, Google's web-based email.

For more information, see *"Gmail"* on page 73.


Google

Use Google to search the Web.

1. From the **Apps** menu, touch  **Google**.
2. Enter search criteria. Search results display automatically. Touch a search result to display it in a browser window.

Google Settings

This menu provides a quick and ready access point to configure preferences for Google+, Maps & Latitude, Locations, and so on. You can also use the Search function to initiate a Google Search from this menu.

1. From the **Apps** menu, touch  **Google Settings** and select an onscreen option.
2. Follow the onscreen prompts to modify your Google Settings.


Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

For more information, refer to *"Google+"* on page 74..

Group Play

Using Group Play, you can share documents or photos you are viewing, or music you are listening to with other devices connected to the same Wi-Fi network with your device.


1. From the **Apps** menu, touch  **Group Play**.
2. Follow the prompts to join or create a group.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends. For more information, refer to *"Hangouts"* on page 74..

Help

Use Help to read or view brief instructions or videos on how to use the features and settings available with the phone.

1. From the **Apps** menu, touch  **Help**.
The **Help** screen displays.
2. Select a topic from the menu on the left side of the screen.
3. Read or view the selected topic information in the right side of the screen.

Internet

This device is equipped with a full HTML Browser, which allows you to access the internet.

For more information, refer to *"Internet"* on page 118..

KNOX

Samsung KNOX is a comprehensive enterprise mobile solution allowing both work and play apps and files on the same device.

1. From the **Apps** menu, touch  **KNOX**.

Note: This application must be downloaded to your device before use.

2. Touch **OK** and follow the onscreen instructions.

Maps

Use Google Maps to find your current location, get directions, and other location based information. The Google Maps shortcut displays by default on the Home screen.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. For more information, see *“Location”* on page 157.

- From the **Apps** menu, touch  **Maps**.

Media Hub

Samsung Media Hub is your one stop for the hottest movie and TV content. With hundreds of titles available at your fingertips, entertaining on the go has never been easier. You can rent or purchase your favorite content and watch from the convenience of anywhere. Featuring the stunning viewing quality Samsung is known for, Samsung Media Hub is your gateway to mobile video like you've never experienced it before.

For more information, refer to *“Media Hub”* on page 77..

Messaging

Messaging lets you exchange text and multimedia messages with compatible device users.

For more information, refer to *“Messaging”* on page 64..


Mobile Hotspot

Turn your device into a mobile hotspot, to share an internet connection.

For more information, refer to *"Wi-Fi Hotspot"* on page 124..

More Services

Provides access to additional Samsung Apps and services. This app works in conjunction with Samsung Apps.

1. From the **Apps** menu, touch  **More services**.
2. Follow the onscreen instructions.

Music

Music is an application that can play music files. Music supports files with extensions AAC, AAC+, eAAC+, MP3, and WMA. Launching Music allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB display).


For more information, refer to *"Music"* on page 77..

Music Hub

Samsung Music Hub is a subscription based music app that gives you unlimited access to over 3 million songs from most major record labels.


You can browse and play the latest releases, genres, artists, and popular music charts and stream high quality music over a Wi-Fi and 3G connection.

Note: Music Hub service requires a Samsung account, and depends on service availability.

1. From the **Apps** menu, touch  **Music Hub**.
2. To rent or buy media, you must have a Samsung account. Touch **Continue** to log in or to create a Samsung account.
3. Browse content, then follow the prompts to buy or rent.

My Files

Find, view and manage files stored on an installed memory card. If the file is associated with an application on the phone, you can launch the file in the application.

1. From the **Apps** menu, touch  **My Files**.
2. Touch a folder and scroll down or up until you locate a file.
3. Touch a file to launch it in the associated application (if the file is associated with an application).
4. While browsing files, use these controls:



Home to go back to the root directory.




Up to go back up to a higher directory.



Menu for options.

Paper Artist

With Paper Artist, you sketch as you would on paper. You can start from an empty sheet or import a picture from your Gallery to get you started.

1. From the **Apps** menu, touch  **Paper Artist**.
2. Follow the onscreen prompts.


Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites.

For more information, refer to "*Calling*" on page 48..

Photos

Photos allows you to share your photos more easily using Google.

1. From the **Apps** menu, touch  **Photos**.
2. Follow the onscreen instructions.

Play Books


With Google Play Books, you can shop the world's largest selection of ebooks and read them anywhere you like, such as on a phone, tablet, e-reader, or the Web.

For more information, refer to *"Google Play Books"* on page 82..

Play Games

Play Games allows you to discover new games and to unify your gaming activities.

Note: Play Games requires that you have or create a Google+ profile.

- From the **Apps** menu, touch  **Play Games**.

Play Movies & TV

With Google Play Movies & TV, you can rent or purchase thousands of movies and TV shows. You can watch instantly or download your movie or TV show for offline viewing at a later time.

For more information, refer to *"Google Play Movies & TV"* on page 82..

Play Music

With Google Play Music, you can play music that you have added to your music file and any music you copied from your PC. While offline, you can listen to music that you have copied from your PC.

For more information, refer to *"Google Play Music"* on page 83..


Play Newsstand

Google Play Newsstand is a subscription service where you can shop a wide selection of titles, from cooking to technology, travel, fashion, sports, photography, and more. Buy new issues or back issues, subscribe and get free 14 or 30-day trials, and customize your reading experience for the phone.

For more information, refer to *"Google Play Newsstand"* on page 82..


Play Store

Discover the Google Play Store, where all your favorite books, movies, apps, and games are all in one place that's accessible from the Web and your Android device. You'll need to have a Google Account set up on the phone to download a new application.


1. From the **Apps** menu, touch  **Play Store**.
2. Browse for applications to download, then follow the prompts.

S Memo


The S Memo application allows you to create memos using the keypad, your finger, or both. You can add images, handwriting, voice recordings, and typewritten text all in one place.

1. From the **Apps** menu, touch  **S Memo**.
2. Touch an existing Memo to open it, then touch the screen to enter edit mode.

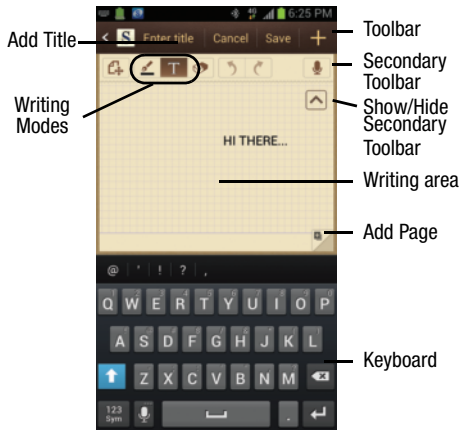
– or –

Touch  to start a new memo in text mode with the keypad displayed.












– or –

Touch  to start a new memo in drawing mode using your finger or an optional compatible stylus, such as the [Samsung Galaxy S III C Pen](#).

Note: You can change back and forth in a memo to add text with the keypad and the stylus.



The following table describes icons displayed on the screen:


	Add a new memo.
	Change the view mode.
	Add free-format drawing.
	Display the keypad to add text.
	Erase marks and drawings.
	Undo the last action.
	Redo the last action that was undone.
	Make a voice recording to add to the memo.
	Hide the secondary toolbar.
	Show the secondary toolbar.
	Add an additional page to the memo.

3. Touch  to access the following options:
 - **Rename:** Change the current memo title.
 - **Share via:** Share your memo using Group Play, Amazon Send to Kindle, Wi-Fi Direct, Bluetooth, ChatON, and so on.
 - **Handwriting-to-text:** Transcribe handwriting into text.
 - **Export:** Save the memo to your Gallery or as a PDF.
 - **Save as:** Save the memo with a different name.
 - **Add picture:** Add an image to the current memo. Choose from: Picture, Take picture, Clip Art, Clipboard, or Map.
 - **Add tag:** Set tags to add in searches.
 - **Add to favorite:** Tag the current memo as a favorite.
 - **Change background:** Set the background for your memo. Swipe the screen to the left or right to select a background and then touch **Done**.
 - **Link to Calendar:** Link the memo to your Calendar.
 - **Lock:** Lock an email by using a PIN number.
 - **Set as:** Set a memo as a contact icon, Home screen wallpaper, Lock screen wallpaper, or Home and lock screens.
 - **Print:** Print the screen or web page on a Samsung printer using Wi-Fi.
4. When you have finished creating your memo, touch **Save** on the top menu bar.

S Suggest



This application provides onscreen recommendations for applications that are specifically supported and made for use on your device.

Note: Access to this feature requires that you already be logged in to your Samsung account application.

1. From the **Apps** menu, touch  **S Suggest**.
2. Follow the onscreen download and installation instructions.

S Voice


S Voice provides plain language voice recognition control of various features and applications on the phone.

1. From the **Apps** menu, touch  **S Voice**.
– or –
From the Home screen, press  **Home** twice in quick succession.
2. At the S Voice screen, say “Hi Galaxy” to wake up S voice.
3. Speak into the phone and follow the onscreen instructions.

Samsung Apps

With Samsung Apps, you can easily download an abundance of applications to your device. These include games, news, reference, social networking, navigation, and more.


Note: Access to this feature requires that you already be logged in to your Samsung account.

1. From the **Apps** menu, touch  **Samsung Apps**.
2. Follow the onscreen instructions.

Samsung Link

This application wirelessly synchronizes your device with your TV, streams content and even keeps tabs on who calls or sends text messages with real-time, onscreen monitoring. Samsung Link makes staying connected easy.

Allows users to share their in device media content with other external devices. Wi-Fi capability can be provided to TVs using a digital multimedia streamer.

1. From the **Apps** menu, touch  **Samsung Link**.
2. Follow the onscreen prompts.



Settings

Tailor your phone to your preferences.

For more information, see “*Settings*” on page 128.

TextCS

TextCS lets you quickly send a text message to the customer service center.

1. From the **Apps** menu, touch  **TextCS**.
2. Touch the **Enter message** field and use the onscreen keypad to enter a message.
3. Review your message and touch  **Send**.

Video

The Video app identifies and plays video files (3GP or MP4) stored on the phone or on an optional microSD Memory card.

For more information, refer to “*Video*” on page 83..


Voice Recorder

Record your voice or other sounds, and share recordings using Bluetooth, Messaging, or Gmail.

For more information, refer to “*Voice Recorder*” on page 75..


Voice Search

Voice Search offers voice activated Google searches. If you agree, Voice Search uses your location to improve search results and offer other services.

- From the **Apps** menu, touch  **Voice Search**.

VPN Client

VPN Client lets you define multiple Virtual Private Networks (VPNs) to your device and connect to them as needed by simply selecting a connection from the VPN Client list.

- From the **Apps** menu, touch  **VPN Client**.


Wi-Fi ON

Wi-Fi ON lets you access the world's largest network of Wi-Fi hotspots, automatically connecting you to partner Wi-Fi hotspots, saving on mobile data usage.



- From the **Apps** menu, touch  **Wi-Fi ON**.

YouTube

Access your YouTube™ account, and view and upload YouTube videos from the phone.

1. From the **Apps** menu, touch  **YouTube**.
2. Follow the onscreen instructions for using the YouTube application.

Accessing Widgets

1. Press  **Home**, then sweep your finger right or left to scroll to a particular Home screen panel.
2. Touch  **Apps** → **Widgets** tab.
– or –
Touch and hold on the displayed Home screen panel until the **Home screen** menu pops-up, then touch **Apps and widgets** → **Widgets** tab.
The **Widgets** screen appears.
3. Sweep your finger right or left to scroll through the Widgets screens and find the desired widget.
4. To place a widget on the selected Home screen panel, touch and hold the widget's image or icon, then position the widget on the Home screen panel.
5. If needed, follow any prompts to configure the widget.

Section 10: Connections

This section describes the various connections the phone can make, including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting your PC.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks.


Wi-Fi communication requires access to an existing Wi-Fi network. Wi-Fi networks can be Open (unsecured), or Secured (requiring you to provide login credentials).

This device supports the 802.11 a/b/g/n Wi-Fi protocols.


Turning Wi-Fi On or Off

When you turn Wi-Fi on, the device automatically searches for available, in-range “hotspots” or WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From the top of the Home screen, swipe your finger downward to display the Notifications screen.
2. At the top of the Notifications screen, touch  **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From the top of the Home screen, sweep your finger downward to display Notifications.
2. At the top of the Notifications screen, touch  **Wi-Fi** to turn Wi-Fi Off.




Configuring Wi-Fi Settings

For more information, refer to “*Wi-Fi Settings*” on page 129..

Scanning and Connecting to a Wi-Fi Network

1. Turn Wi-Fi on. The device scans for available hotspots and displays a list of any it finds.
2. To connect to a hotspot, touch it on the pop-up list.
 - If the Wi-Fi network is open, you are automatically connected.
 - If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, touch  **Menu** → **Settings** →  **Connections** → **Wi-Fi**. The **Wi-Fi** options screen displays.
2. Slide **Wi-Fi**  to the right to turn on Wi-Fi.
3. Touch **Add Wi-Fi network**, then enter the following values:
 - **Network SSID:** Enter the name of the WAP (Wireless Access Point).
 - **Security:** Select the type of security used by the WAP.
 - **Password:** If the WAP is secured, enter the password or key.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.



You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

For more information, refer to “*Bluetooth Settings*” on page 132..

Note: Bluetooth profiles are specifications for services supported by individual devices. For a list of profiles the phone supports, see “*Bluetooth Profiles*” on page 131.


Turning Bluetooth On or Off

1. From the Home screen, sweep your finger from the top of the screen downward to display Notifications.
2. Touch  **Bluetooth** to turn Bluetooth On.
Touch  **Bluetooth** to turn Bluetooth Off.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between the two devices.



After pairing, the two devices connect with each other and exchange information without a passcode or PIN.

Note: When connected, the  **Bluetooth connected** icon displays in the Status Bar. If you receive a new request for connection while connected with a Bluetooth headset, a new Bluetooth icon displays at the left of the Status bar and Notifications displays the connection request.

1. Activate the target device's discoverable mode.
2. Turn on Bluetooth on the phone. A list of detected devices displays.
3. From the list of detected devices, touch the target device. The phone attempts to automatically pair with the target device.


If automatic pairing fails, then follow the prompts to complete manual pairing.

Connecting with a Bluetooth Device

1. Turn Bluetooth ON.
2. From the Home screen, touch  **Menu** → **Settings** →  **Connections** → **Bluetooth**. The **Bluetooth** screen displays.
3. Under **Available devices**, touch a previously paired device. The device connects with the phone.

Internet

This device is equipped with a full HTML Browser, which allows you to access the Internet.

- From the Home screen, select  **Internet**. Your Wireless Provider's mobile home page displays in the Internet screen.




Note: This device also comes with the Google Chrome mobile browser. For more information, refer to "*Chrome*" on page 99..

Navigating the Web

While browsing web pages, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyper link to follow the link.
- Touch and hold on a hyper link for options.

Command Keys

- Touch  **Back** or touch  **Back** to return to the previous page.
- Touch  **Forward** to go to the next page.

Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.






Zoom

Note: Some web pages do not support the Zoom function.

- Using two fingers, make a pinch motion on the screen.
 - Pinch in to zoom in on a web page.
 - Pinch out to zoom out on a web page.
- To return a web page to original size, double tap on it.

Using Browser Windows

You can have multiple windows open at one time, and you can switch between windows.

- To open a new window, on the Internet screen, touch  **Windows** →  **New window**.
- To switch to another open window, touch  **Windows**. Touch and swipe to the desired window thumbnail, then touch it to display the window.
- To close a window, touch  **Windows**. Touch  **Close** beside a window to close it.

Going Incognito

The Incognito feature lets you view Internet sites without leaving records in your browser history or search history, and without traces (such as cookies) stored on your device.

Note: Any downloaded files are preserved and stay on your device after you exit the incognito mode.



To add an Incognito window:

1. From the Home screen, touch **Internet** , then touch  **Windows** →  **Incognito**.
2. A new Incognito window displays.

Note: The incognito icon displays in the upper-left of the new browser window while you are in this mode.

3. Browse to the desired web site(s).




To exit from the incognito window:

1. From your browser window, touch  **Windows**.
2. Scroll across the available windows and locate the Incognito window.
3. Touch  next to the Incognito window to delete it.

Using Bookmarks



While browsing, bookmark a site to quickly access it later.

Creating a bookmark

1. From the Home screen, touch **Internet** , then browse to the desired web site, then touch  **Bookmarks** →  **Add bookmark**. The **Add bookmark** screen displays.
2. Edit the **Name** and **Address** of the new bookmark as needed, then select the **Folder** where you want it added.
3. Touch **Save** to save the new bookmark.

Accessing Bookmarks and History

Launch a bookmarked page, or reload recent pages.

1. From the Internet screen, touch  **Bookmarks**.
2. On the tabs, use these options:
 - Touch an item to load the page.
 - Touch and hold on an item for options.
 - Touch  **Menu** for more options.




Deleting Bookmarks

1. From the Bookmarks page, touch and hold the bookmark you want to delete.
2. Touch **Delete bookmark**.
3. In the **Delete** confirmation pop-up, touch **OK**.



Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly through Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection. For example, some printers support Wi-Fi Direct, and you can print from the phone using Wi-Fi Direct.

Turning Wi-Fi Direct On or Off

1. From the Home screen, touch  **Menu** → **Settings** →  **Connections** → **Wi-Fi**.
2. Slide **Wi-Fi**  to the right to turn Wi-Fi ON. Wi-Fi must be on to use Wi-Fi Direct.
3. Touch **Wi-Fi Direct**. The **Wi-Fi Direct** screen displays, and the phone scans for available Wi-Fi Direct devices and lists them under **Available devices**.


Connecting to Wi-Fi Direct Devices

1. First, enable Wi-Fi on your device. From the Home screen, touch  **Menu** → **Settings**.
2. Slide **Wi-Fi**  to the right to turn Wi-Fi ON. Wi-Fi must be on to use Wi-Fi Direct.
3. Enable Wi-Fi Direct on the other device(s). Consult the other device's documentation for more information.
4. On your phone, touch **Wi-Fi Direct** (below the list of networks) to scan for the other device(s).
5. In the **Available devices** list, touch a device to connect with it, or touch **Multi-connect** to connect to multiple devices (not all devices support multi-connect).
6. Follow the prompts on both devices to complete the connection.

Beaming


NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

1. From the Home screen, touch  **Menu** → **Settings** →



Connections → **NFC**



2. Slide **NFC**  to turn NFC ON.

Note: **NFC** must be turned ON to use **Android Beam** or **S Beam**.

Android Beam

When Android Beam is activated, you can beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more. This option is best for smaller file transfers.

Turning Android Beam On or Off

1. Tap **NFC**.
2. Slide **NFC**  to turn NFC ON.
3. Slide **Android Beam**  to turn Android Beam ON.

Using Android Beam

1. Turn **Android Beam** On.
2. Launch the desired feature or application or browse to the desired web page.
3. Place the phone back-to-back with the device to receive your “beamed” content, then touch the screen on the phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it displays on the screen of that device.




S Beam

When S Beam is turned ON, you can beam files to another NFC capable device by holding the devices close together. You can beam images and videos from your gallery, music files from your music player, and more. This option is best for larger file transfers.

Turning S Beam On or Off

1. Turn **NFC** ON.
2. Slide **S Beam**  to turn S Beam ON.

Using S Beam

1. Turn **S Beam** ON.
2. Launch  **Camera**,  **Music Player**, or  **Gallery**.
When using Gallery, you can select multiple files to S Beam.
3. Place the phone back-to-back with the device to receive your “beamed” content, then touch the screen on the phone. The receiving device prompts the user to accept your “beamed” content.
4. Once the user of the receiving device accepts your “beamed” content, it displays on the screen of that device.

Wi-Fi Hotspot

Use Wi-Fi Hotspot to share your phone's access to your Wireless Provider's Internet connection with up to 5 other devices through Wi-Fi connections.

Note: Wi-Fi Hotspot requires a subscription to your Wireless Provider's applicable data service.

Wi-Fi Hotspot consumes battery power and uses data service.

While Wi-Fi Hotspot is active, your phone's applications use the Mobile Hotspot data feature allowance.

Configuring Wi-Fi Hotspot Settings

Configure the phone's Wi-Fi Hotspot settings, including the phone's name and password, and set the visibility of the phone's mobile hotspot.

Tip: By default, your device's Mobile Hotspot is visible, and any device can connect. For more information about configuring your Wi-Fi hotspot, see *"Configuring Mobile Hotspot"* on page 135.

Securing Your Mobile Wi-Fi Hotspot

Your Mobile Hotspot includes a generated password to limit access. To further limit access to your Mobile Hotspot, you can:

- Create an allowed device list and set the connection mode for allowed devices.
- "Hide" your Mobile Hotspot.

To set up these options, see *"Configuring Mobile Hotspot"* on page 135.

Turning Mobile Hotspot ON

Turn Mobile Hotspot ON to allow other devices to use your phone to access your Wireless Provider's Internet connection.

1. From the Home screen, touch  **Menu** → **Settings** →  **Connections** → **More networks** → **Tethering and Wi-Fi hotspot**.
2. Touch the **Mobile Hotspot** slider  to turn **Mobile Hotspot** ON.

Connecting a Device Using Mobile Hotspot

Use the other device's Wi-Fi control to connect to the device's Mobile Hotspot.

On your device:

1. Turn **Mobile Hotspot** ON.

On the other devices:


2. Activate Wi-Fi.
3. Scan for Wi-Fi hotspots, and select your phone from the list.
4. At the prompt, enter your device's Mobile Hotspot password. For more information, refer to *"Configuring Mobile Hotspot"* on page 135.

Tethering

Use Tethering to share the phone's Internet connection with a computer connected to your device using the USB data/charging cable or a Bluetooth connection.

For more information, refer to *"Tethering"* on page 136..

Note: Use of Tethering requires a subscription to your Wireless Provider's mobile data service.

1. From the Home screen, touch  **Menu** → **Settings** →



Connections → **More networks** → **Tethering and Mobile hotspot**. The **Tethering and Mobile hotspot** screen displays.

2. Choose a tethering method:

- **USB tethering:** Connect the computer to the phone using a USB cable, then touch **USB tethering** to enable or disable it. A check mark appears to indicate **USB tethering** is enabled.
- **Bluetooth tethering:** Connect the phone with the computer using Bluetooth. Consult the computer's documentation for more information about using your computer to make a Bluetooth connection. Touch **Bluetooth Tethering** to turn tethering On or Off. A check mark displays when activated.
- **Help:** Provides assistance with tethering.



VPN

You can use your phone's VPN (Virtual Private Network) feature to connect to VPNs.

Configuring VPN Settings

For information about configuring your phone's VPN settings, see “VPN” on page 137.

Accessing a VPN

1. From the Home screen, touch  **Menu** → **Settings** →  **Connections** → **More networks** → **VPN**.

The **VPN** screen appears, listing available VPN connections.

2. Touch a VPN connection and follow any prompts to access the network.

PC Connections

You can connect your device to a PC using an optional PC data cable. This option lets you use the built-in mass storage and memory card capacity of the phone to store and upload files. Your computer treats the phone's installed memory and card memory as removable storage drives.

You can access your phone's file directory. If you insert a memory card in the phone, you can also access the files on the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.





Connecting as a Storage Device

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC, prompting you to choose how to access the new device.
2. On the PC pop-up, click **Open device to view files**. You can now transfer files between the PC and the phone's memory and memory card (if installed).

Nearby Devices




Share files with nearby devices over Wi-Fi.

Note: To use Nearby devices for sharing, a connection with another Wi-Fi device must be established.

1. Connect the phone and another device to the same Wi-Fi network. For more information, refer to *"Wi-Fi"* on page 115..
2. On the phone press  **Home**, then touch  **Menu** → **Settings** →  **Connections** → **Nearby devices**. The **Nearby devices** screen displays.
3. Touch the **Nearby devices** slider  to turn Nearby devices ON.
4. Touch **Allowed devices list** to select a device to share contents with.




Screen Mirroring

Screen Mirroring lets the phone share the contents of its display with other devices, such as Smart televisions.

1. Connect the phone and another device to the same Wi-Fi network. For more information, refer to *"Wi-Fi"* on page 115.
2. On the phone press  **Home**, then touch  **Menu** → **Settings** →  **Connections** → **Screen Mirroring**. The **Screen Mirroring** screen displays with **Screen Mirroring** already active and begins scanning for available devices. All detected devices are listed under **Available devices**.
3. Touch the desired device to establish a connection. You can now view the contents of the phone's display on the connected device.

Section 11: Settings

Accessing Settings

- From the Home screen, touch  **Menu** → **Settings**.
– or –
From the Home screen, touch  **Apps** →  **Settings**.
The **Settings** menu displays.

Settings Tabs

The Settings are divided into 4 main groups. When the Settings screen displays, the following 4 tabs are located at the top of the screen:



Connections:

This tab provides access to the settings related to the connection of your device to external sources. Features include: Wi-Fi, Bluetooth, Data usage, More networks (Airplane mode, Mobile networks, Tethering and Mobile hotspot, and VPN), NFC, S Beam, Nearby devices, and Screen Mirroring.



My device:

This tab provides access to device configuration and customization features. Features include: Lock screen, Display, LED indicator, Sound, Home screen mode, Call, Blocking mode, Hands-free mode, Power saving mode, Accessory, Accessibility, Language and input, Motion, Smart screen, and Voice control.



Accounts:

This tab provides both the ability to create and modify your accounts (such as: Samsung account, Email, Google account, and so on) and access Backup and reset features.





More:

This tab provides access to the remaining set of device settings not listed under the other three tabs. These include: Location services, Security, Application manager, Battery, Storage, Date and time, and About device.

Note: The settings for your device are described below in the order that they appear within the Settings menu.

Connections

To access the Connections settings:

- From the Home screen, touch  **Menu** → **Settings** →  **Connections**.


The **Connections** menu displays.

Wi-Fi Settings


Set up and manage the phone's connections to Wi-Fi networks. This phone supports Wi-Fi a/b/g/n.

For more information about using Wi-Fi, see “Wi-Fi” on page 115.

Configure and manage connections to Wi-Fi access points.

1. From the **Connections** menu, touch **Wi-Fi**. The **Wi-Fi** options screen displays.
2. Touch options to configure:
 - **Smart Network Switch:** Allows the phone to switch from the Wireless Provider's network to a recognized Wi-Fi network, when in range.
 - **Add Wi-Fi network:** Connect to a new Wi-Fi network, see “Adding a Wi-Fi Network Manually” on page 116.
 - **Scan:** Search for available Wi-Fi networks.
 - **Wi-Fi Direct:** Access Wi-Fi Direct settings, see “Wi-Fi Direct” on page 130.
3. Touch  **Menu** to access the following additional options:
 - **Advanced:** View and configure the phone's Advanced Wi-Fi settings.
 - **WPS push button:** Record/send the signal from the Wi-Fi Protected Setup push button on your Wi-Fi router.
 - **WPS PIN entry:** Record/send the Wi-Fi Protected Setup Personal Identification Number for your Wi-Fi router.

Advanced Wi-Fi Settings

1. From the **Connections** menu, touch **Wi-Fi** →  **Menu** → **Advanced**.
2. Configure settings:
 - **Network notification:** When enabled, the phone notifies you of nearby Wi-Fi networks when you launch a high data-usage application.
 - **Sort by:** Select whether WAPs are listed in Alphabet order or Signal Strength order.
 - **Keep Wi-Fi on during sleep:** Specify when to switch from Wi-Fi to mobile data for data communications, when the phone goes to sleep (when the backlight goes out). This setting can affect your data usage, and the behavior of devices you connect to the phone, such as when tethering or using Mobile Hotspot.
 - **Always allow scanning:** Google location service and other apps scan for Wi-Fi networks, even when Wi-Fi is turned OFF.
 - **Install certificates:** Installs optional security certificates from an installed microSD card. For more information, refer to *"Installing a Memory Card"* on page 7..

- **MAC address:** (Not configurable) View the phone's MAC address, needed for connecting to some secured networks (only shows when Wi-Fi is active).
- **IP address:** (Not configurable) View the phone's IP address (only shows when connected to a Wi-Fi network).

Wi-Fi Direct

Wi-Fi Direct allows devices to connect to each other directly through Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection.

Example: Some printers support Wi-Fi Direct, allowing you to print from your phone using Wi-Fi Direct.

Turning Wi-Fi Direct On or Off

1. From the **Connections** menu, turn **Wi-Fi ON**.
2. Touch **Wi-Fi Direct**. The **Wi-Fi Direct** screen displays, and the device scans for available Wi-Fi Direct devices and lists them under **Available devices**.

For information on connecting the device to other Wi-Fi Direct devices, see *"Connecting to Wi-Fi Direct Devices"* on page 121.

Bluetooth

This device supports Bluetooth 4.0.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. This device supports these Bluetooth profiles:

- **Headset:** HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.
- **Handsfree:** HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Stereo:** A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.
- **Object Exchange:** OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.

- **Human Interface Devices:** HID v1.0 profile supports certain interface devices.
- **Personal Area Networking:** PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile:** MAP 1.0 allows exchange of messages between devices, such as with an automotive hands-free device.

Turning Bluetooth ON or OFF

Turn Bluetooth ON:

- From the **Connections** menu, touch **Bluetooth** .

Turn Bluetooth OFF:


- From the **Connections** screen, touch **Bluetooth** .

Tip: You can also turn Bluetooth ON or OFF at the Notifications Panel.

Bluetooth Settings

Pair and connect with other Bluetooth devices, manage your Bluetooth connections, and control your device's visibility to other devices.

Note: Bluetooth must be turned ON to access Bluetooth settings.

1. From the **Connections** menu, touch **Bluetooth**.
2. Touch a setting to configure Bluetooth:
 - Touch **Bluetooth**  to turn Bluetooth ON, or touch **Bluetooth**  to turn Bluetooth OFF.
 - Touch the phone's name to enable/disable its visibility to other devices' Bluetooth searches. (Available when Bluetooth is ON.)
 - Touch **Scan** to search for visible Bluetooth devices. Touch a detected device to pair with it (see *"Pairing with a Bluetooth Device"* on page 117).
 - Touch  **Menu** to access the following options:
 - **Visibility timeout:** Select how long the phone remains visible to other devices.
 - **Received files:** Lists files received from other devices over Bluetooth connections.

Data Usage

Control your device's connection to your Wireless Provider's data service, and monitor your data usage.

Turning Mobile Data On or Off


1. From the **Connections** menu, touch **Data usage**. The **Data usage** screen displays.

2. Touch the **Data usage cycle** drop-down menu and select a date.

The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

3. To adjust the mobile **Data usage cycle**, touch and drag the vertical usage cycle lines left or right on the graph.

4. Touch  **Menu** to display additional options. Touch each check box to enable the feature or option.
- **Auto sync data:** Allows your accounts to automatically synchronize. When disabled, reduces mobile data usage and conserves battery power, but you must manually sync your accounts.
 - **Mobile hotspots:** Lets you mark a detected Wi-Fi hotspot as a mobile hotspot (a check mark appears in the check box), restricting background apps from using this hotspot and warning you when you attempt to use it for large downloads.


More networks

- From the **Connections** menu, touch **More networks**. The **More networks** menu displays.

Airplane Mode

When airplane mode is enabled, all the phone's wireless connections are disabled, and you cannot make or receive calls [except for Emergency (E911) calls] or messages. You can, however, make Wi-Fi and Bluetooth connections.

While in airplane mode, you can use other features of the phone, such as playing music, watching videos, or using other applications.

1. From the **More networks** menu, touch **Airplane mode** to enable or disable airplane mode. When enabled, a check mark displays in the check box.
2. At the **Turn on Airplane mode** prompt, touch **OK**.
The Airplane mode icon  displays at the top of the screen.

Default messaging app

Choose the application to use for messaging, such as Hangouts, Messaging, and so on.

Printing

Use print service plugins to print from your device.

Mobile Networks

Set options for network selection, data service, and roaming behavior.

- **Mobile data:** Enable or disable the phone's connection to the mobile data network. You can also control this setting at Notifications with the Mobile data toggle.
- **Data roaming:** Enable or disable connection to data services when your device is roaming on another network. For more information about roaming, see *"Roaming"* on page 14.
- **Network mode:** Select your preferred network mode (LTE/ CDMA or CDMA).
- **System select:**
 - **Home only:** Restricts the phone to your Wireless Provider's mobile networks.
 - **Automatic:** Permits the phone to automatically roam to networks other than that provided by your Wireless Provider.

Tethering and Wi-Fi hotspot

Mobile Hotspot

Turning ON Mobile Hotspot turns your phone into an Wi-Fi Internet access point (hotspot) and allows up to 10 other devices to connect to it using a Wi-Fi connection. These devices have Internet access through your Wireless Provider's data network.

To enhance security, you can create an allowed device list and set the connection mode for Allowed devices only.

This feature enables mobile data and consumes more battery power.

Note: Using this device as a Hotspot requires a subscription to data service. For more information, contact your Wireless Provider.

Turning Mobile Hotspot On or Off

- See “Wi-Fi Hotspot” on page 124.

Note: Using the phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, the phone’s applications will use your Wireless Provider’s data service. Roaming while using the phone as a mobile hotspot will incur extra data charges.

Configuring Mobile Hotspot

1. From the **More networks** menu, touch **Tethering and Wi-Fi hotspot**. The **Tethering and Wi-Fi hotspot** menu displays.
2. Touch **Mobile Hotspot**. The **Mobile Hotspot** screen displays.


3. Touch **Configure** to access the following options:

- **Network SSID:** View and change the name of your Mobile Hotspot.
- **Hide my device:** When enabled, your Mobile Hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your Mobile Hotspot, but a manual connection is required that uses your Network SSID and Password.
- **Security:** Choose the security level for your Mobile Hotspot.
- **Password:** If you choose a security level that uses a password, enter the password. By default, the password is your mobile telephone number.
- **Show password:** Enable to make the Password field visible.
- **Show advanced options:** Enable to access advanced options, including Broadcast channel, to specify the channel your device uses for Mobile Hotspot.

Allowed Devices

Restrict what devices can connect to your Mobile Hotspot with the Allowed devices list. After you add devices to the list, they can connect to your device using your device's Wi-Fi hotspot name (SSID) and password.

Note: Using the phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, the phone's applications will use your Wireless Provider's data service. Roaming while using the phone as a mobile hotspot will incur extra data charges.

1. From the **More networks** menu, touch **Tethering and Mobile hotspot** → **Mobile Hotspot**. The **Mobile Hotspot** screen displays.
 2. Touch **Allowed devices** → , then enter the other device's Device name and MAC address.
 3. Touch **OK** to add the device to the **Allowed devices** list.
-

Tip: For information about connecting to your Mobile Hotspot, see *"Wi-Fi Hotspot"* on page 124.

Tethering

Use Tethering to share the phone's Internet connection with a computer that connects to your device using a USB cable, or by Bluetooth.

For more information about connecting computers to the phone using Tethering, see *"Tethering"* on page 125.


VPN

Set up and manage Virtual Private Networks (VPNs).

1. From the **More networks** menu, touch **VPN**.

Depending on your device's Lock screen setting, the **VPN** screen appears.

Note: If **Lock screen** is not set to **Pattern**, **PIN**, or **Password**, you are prompted to change your Lock screen setting to one of these options.

2. Touch  **Tap to add VPNs**. The **Add VPN** pop-up appears. The following options are available:
 - **Name:** Enter a name for the VPN connection.
 - **Type:** Choose the type of VPN.
 - **Server address:** Enter the IP address of the VPN server.
 - **PPP encryption (MPPE):** Touch to enable or disable encryption.
 - **Show advanced options:** Touch to show more options.
Available options depend on the type of VPN you are adding.

NFC

For more information, refer to "*NFC*" on page 122..

Android Beam

For more information, refer to "*Android Beam*" on page 122..

S Beam

For more information, refer to "*S Beam*" on page 123..



Nearby devices

See "*Nearby Devices*" on page 127.

Screen Mirroring

See "*Screen Mirroring*" on page 127.

My device

- From the Home screen, touch  **Menu** → **Settings** →  **My device**.

The **My device** menu displays.

Lock Screen

Choose settings for locking and unlocking the phone.

- From the **My device** menu, touch **Lock screen**. The following options are available:
 - **Screen lock**: Touch one of the following options to select it as your custom screen lock/unlock method:
 - **Swipe**: When enabled, you unlock the phone by swiping your finger across the screen. This is the default screen lock, and offers no security.
 - **Face unlock**: When enabled, you unlock the phone by looking at the screen. This option offers low security, because someone who looks similar to you could unlock the phone. Touch the option for more information, and to set up Face unlock.

- **Face and voice**: When enabled, you unlock the phone by looking at the screen and speaking. This option offers low security, because someone who looks and/or sounds similar to you could unlock the phone. Touch the option for more information, and to set up Face unlock.
- **Pattern**: When enabled, you draw a pattern, which you create, on the screen to unlock the phone. Touch the option, then follow the prompts to create or change your screen unlock pattern.
- **PIN**: When enabled, you enter a numeric PIN (Personal Identification Number), which you create, to unlock the phone.
- **Password**: When enabled, you enter an alphanumeric password, which you create, to unlock the phone.
- **None**: Disable all custom screen lock settings, to use the default swipe unlock screen.

Swipe Options

- **Multiple widgets:** Displays multiple widgets on your lock screen. Appears as an option after you set **Screen lock** to an option other than **None**.
- **Lock screen widgets:** Allows you to lock the widgets that are displayed on your home screens.
- **Shortcuts:** Application shortcuts appear on the lock screen. Choose either None, Camera, or Custom (which allows you to select the shortcuts).
- **Unlock effect:** Sets the effect you receive when unlocking the phone. You can select None, Ripple effect, or Light effect.
- **Help text:** Touch this option to enable/disable showing text explanations of lock screen features. When enabled, a check mark displays in the check box.
- **Wake up in lock screen:** Touch this option to enable/disable unlocking the phone by saying the S Voice wake-up command. When enabled, a check mark displays in the check box. For more information about S Voice, see “S Voice” on page 111.
- **Set wake-up command:** Touch this option and to change the S Voice wake-up command. For more information about S Voice, see “S Voice” on page 111.

Face unlock options

- **Lock screen widget:** Allows you to lock the widgets that are displayed on your home screens.
- **Improve facial recognition:** Allows you to improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check:** Requires that you blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically:** Lets you set a time-out for the screen to lock automatically.
- **Lock instantly with power key:** You can instantly lock the screen by pressing the Power/Lock key.

Pattern options

- **Lock screen widgets:** Allows you to lock the widgets that are displayed on your home screens.
- **Make pattern visible:** Allows you to see the pattern as you draw it.
- **Lock automatically:** Lets you set a time-out for the screen to lock automatically.
- **Lock instantly with power key:** Instantly lock the screen by pressing the Power/Lock key.

PIN and Password options


- **Lock screen widgets:** Allows you to lock the widgets that are displayed on your home screens.
- **Lock automatically:** Lets you set a time-out for the screen to lock automatically.
- **Lock instantly with power key:** Instantly lock the screen by pressing the Power/Lock key.

Display


- From the **My device** menu, touch **Display**.

The following options display:

- **General**

- **Wallpaper:** Assigns a wallpaper for the Home screen, Lock screen, or both.
- **Notification panel:** Touch this option to enable/disable Brightness adjustment from the Notification panel, and to set which quick setting buttons display on the Notification panel.
- **Multi window:** Multi window lets you run two apps at the same time. See “Multi Window” on page 21.
- **Page buddy:** Allows context related pages to be created on the Home screen. You can select Earphones page, Docking page, and Roaming page. Touch Page buddy help for more information. Touch and slide the Page buddy slider to the right to turn it on .

- **Screen**

- **Brightness:** Configures the LCD Brightness levels. Touch Automatic brightness to allow the phone to self-adjust or drag the slider and touch OK.
- **Auto-rotate screen:** Automatically switches the display orientation when you rotate the phone.
- **Screen timeout:** Adjust the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.
- **Daydream:** When set to ON, lets you configure the screen that appears when your phone is docked or sleeping. Touch the **Daydream** slider  to turn it ON.

Note: When turned ON, your Daydream settings take the place of the Desk home screen display setting. For more information, refer to *"Accessories"* on page 146..

- **Font**

- **Font style:** Select the text font style that appears in screens. You can also touch **Get fonts online** to choose from a wider selection.
- **Font size:** Select the size of the text that appears in screens.

- **More settings**

- **Touch key light duration:** Select the inactive time the Menu and Back keys remain lit.
- **Show battery percentage:** The battery charge percentage appears next to the battery charge icon at the top of the display.
- **Auto adjust screen tone:** Saves power by having the phone analyze the displayed screen images and adjust the display brightness.

LED indicator

Select which alerts cause the LED indicator (upper left corner of the phone) to come on while the phone's screen is off.

- From the **My device** menu, touch **LED indicator**.

The following options display:

- **Charging:** LED indicator lights red while the phone's battery is charging.
- **Low battery:** LED indicator flashes red when the phone's battery charge level becomes low.
- **Notifications:** LED indicator flashes blue when you have missed calls, new messages, or application events.
- **Voice recording:** LED indicator flashes blue when you are recording a voice note.

Sound

- From the **My device** menu, touch **Sound**.

The following options display:

- **Volume:** Set the system volume level, and set default volume for media playback, call ringtones, notifications, and system.

Tip: You can also set System volume from the Home screen by pressing the **Volume** key Up or Down.

- **Vibration Intensity:** Set the level for vibration to accompany ringtones, notifications, and Haptic feedback.
- **Ringtones and notifications:**
 - **Ringtones:** Choose a ringtone for incoming calls. You can Add music files to the list for use as a ringtone.


Note: You can set songs as ringtones for all calls, or for a selected contact. For more information, refer to *"Music"* on page 105..

- **Vibrations:** Choose or create a vibration pattern to use when vibration is enabled.
- **Default notification sound:** Choose a default sound to play for notifications, such as for new messages and event reminders.

Tip: You can set songs as ringtones for all calls, or for a selected contact. For more information, refer to *"Music"* on page 105..

- **Vibrate when ringing:** When enabled, vibration is played at the same time as sounds for calls and alerts.

- **Feedback**

- **Dialing keypad tone:** A tone sounds when you touch keys on the Phone keypad.
- **Touch sounds:** A tone sounds when you touch keys on the Phone keypad.
- **Screen lock sound:** The screen lock sound plays when you lock or unlock the screen.
- **Haptic feedback:** The phone vibrates to indicate screen touches and other interactions.
- **Auto haptic:** Haptic vibrations occur in response to sounds from downloaded apps, such as games. Touch the Auto haptic slider  to turn the feature ON.

Note: Some downloaded apps do not support the haptic feature.

- **Emergency Tone:** You can set the phone Emergency tone to Off, or to play an Alert tone, or to Vibrate during an emergency call (for example, calls to 911).

- **Samsung Applications**

- **Call:** Sets call sound settings. For more information, refer to “*Call Settings*” on page 54..
- **Messaging:** Sets notification sound settings. For more information, refer to “*Message Settings*” on page 66..
- **Email:** Sets Email settings. For more information, refer to “*Email Account Settings*” on page 72..
- **Calendar:** Sets calendar sound settings.

- **Samsung keyboard**

- **Key-tap sound:** When enabled, a tone sounds when you touch keys on the Samsung keypad.
- **Key-tap vibration:** When enabled, your device vibrates when you touch keys on the Phone keypad.

- **HDMI**

- **Audio output:** Choose to have your phone play Stereo or Surround sounds over the HDMI output.

Home Screen Mode

Select the Home screen layout that best suits your needs.


1. From the **My device** menu, touch **Home screen mode**.
The **Home screen mode** screen displays.
2. Select the desired Home screen mode:
 - **Standard mode**: A conventional layout for apps and widgets on the Home screen panels.
 - **Easy mode**: A simplified apps and widgets layout for first time smartphone users.
3. Touch **Apply** to confirm.

Call

For information about Call settings, see “*Call Settings*” on page 54.

Blocking Mode

When enabled, Blocking mode lets you select which notifications you receive.

1. From the **My device** menu, touch the **Blocking mode** slide  to turn this feature ON.
2. Touch **Blocking mode** to access the following options:
 - **Features**
 - **Block incoming calls**: Blocks incoming calls from everyone except **Allowed contacts**.
 - **Turn off notifications**: Blocks notifications from playing an alert tone.
 - **Turn off alarm and timer**: Blocks notifications from Clock and Calendar alarms, and from timers.
 - **Turn off LED indicator**: Stops LED indicator from lighting.
 - **Set time**
 - **Always**: When enabled, Blocking mode stays active until you turn it off.
 - **From**: With **Always** disabled, select the time when Blocking mode turns on.
 - **To**: With **Always** disabled, select the time when Blocking mode turns off.


- **Allowed contacts**

- **Allowed contacts:** Select contacts from whom the phone is to accept incoming calls. Options are: None, All contacts, Favorites, Custom (selecting this option enables **Allowed contact list**).
- **Allowed contact list:** Add and remove contacts from whom the phone accepts calls when Blocking mode is on.

3. Select the desired option to enable/disable it.


Hands-free mode


Hands-free mode allows you to select whether your phone announces in plain language incoming calls and messages, alarm information, and/or schedule alarm information from your Calendar.

1. From the **My device** menu, touch **Hands-free mode**.
2. Touch the ON/OFF slider, located to the right of **Hands-free mode**, to turn it ON .
3. Touch the following options to create a check mark and enable them:
 - **Incoming call:** When enabled, your phone reads out caller information for incoming calls.
 - **Message:** When enabled, your phone reads out sender information for incoming messages.
 - **Alarm:** When enabled, your phone reads out alarm information.
 - **Schedule:** When enabled, your phone reads out Calendar event alarm information.

Power Saving Mode

Configure Power saving settings to conserve battery power.

1. From the **Settings** screen, under **Device**, touch **Power saving mode**. The **Power saving mode** screen displays.
2. Touch the **Power saving mode** slide  to turn Power saving ON.

Tip: **Power saving** must be set to ON  to configure the **Power saving mode settings**.

3. Touch the following **Power saving mode settings** to enable or disable them:
 - **CPU power saving:** The phone's maximum performance is limited. This does not affect normal usage, such as browsing and video playback.
 - **Screen power saving:** The screen uses reduced frame refresh rate and lower brightness.
 - **Disable haptic feedback:** No vibration plays when you touch the screen.
4. Under **Power saving tips**, touch **Learn about power saving** to read information about Power saving options.

Accessories

This menu allows you to select the Audio output mode when using a car or desk dock.

1. From the **My device** menu, touch **Accessory**.
2. Touch the following **Dock** settings to enable or disable them:
 - **Dock sound:** Sounds play when inserting or removing the phone from the optional dock.
 - **Audio output mode:** You can use optional external dock speakers when the phone is docked.
 - **Desk home screen display:** The desk home screen displays when the phone is docked.
3. Touch **Audio output** to set your HDMI Audio output to Stereo or Surround.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

1. From the **My device** menu, touch **Accessibility**.
2. The following options are available:
 - **Auto-rotate screen:** Automatically rotates the screen from landscape to portrait when you rotate your phone.
 - **Screen timeout:** Set the length of inactive time after which the display turns off.
 - **Lock automatically** (available only with **Lock screen** set to an option other than **Swipe** or **None**): Automatically locks your phone's screen immediately after the screen blanks, or once a selected time passes.
 - **Speak passwords:** Reads out password information.
 - **Answering/ending calls:** Accept incoming calls by pressing the Home key, by touching the accept call button, or by using Voice control. End calls by pressing the Power-Lock key.

- **Show shortcut:** Adds an Accessibility settings option or a TalkBack settings option to the **Device options** menu that appears when you press and hold the Power-Lock key.

- **Services**

- **TalkBack:** Speaks feedback to help blind and low-vision users.

Note: TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

- **Vision**

- **Font size:** Change the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors:** Reverses the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Accessibility shortcut:** Allows you to quickly enable accessibility features in 2 quick steps. Follow the onscreen instructions.
- **Text-to-speech options:** Set the your text-to-speech options. For more information, refer to “Speech” on page 152.

- **Hearing**

- **Sound balance:** Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio:** Combines stereo audio to into a mono audio stream for use with a single earphone headsets (wired or Bluetooth).
- **Turn off all sounds:** Mutes every sound made by your device during touches, selections, notifications, and so on.
- **Flash notification:** The camera flash blinks whenever you receive a notification.
- **Google subtitles (CC):** Select language, text size and caption style options for your subtitles in Google applications.
- **Samsung subtitles (CC):** Select language, text size and caption style options for your subtitles in Samsung applications.

- **Dexterity**

- **Press and hold delay:** Select a time interval for this action. Choose from: Short, Medium, or Long.

Language and Input


- From the **My device** menu, touch **Language and input**. The **Language and input** screen displays.

Language


Select the language used in the phone's screens.

- From the **Language and input** screen, touch **Language** to select the language used in the phone's screens.

Keyboards and Input Methods

- From the **Language and input** screen, under **Keyboards and input methods**, the following options are available:
 - **Default:** Select the default method for manually entering text.
 - **Samsung keyboard:** Touch  beside Samsung keypad to configure the following options. This option cannot be disabled.
 - **Input languages:** Select languages for the Samsung keyboard.
 - Select input languages:** Choose which languages are loaded onto your phone.

Note: When you have more than one language selected, you can slide your finger on the space bar while entering text to switch languages.

- **Predictive text:** When set to ON, suggests words matching your text entries and optionally, complete common words automatically. Touch **Predictive text**  to set Predictive text ON. Touch **Predictive text** to configure the following options:

Personalized data: Predictive text uses personal language data you have entered.

Learn from Gmail: Log in to let your device learn from your Gmail messages.

Learn from Facebook: Log in to let your device learn from your Facebook entries.

Learn from Twitter: Log in to let your device learn from your "tweets".

Learn from Messages: Update to let your device learn from your message text entries.

Learn from Contacts: Update to let your device learn from your Contacts style.

Clear personalized data: Remove all the personal language data you have entered.

- **Auto replacement:** When set to ON, lets you complete or replace the word you are typing with the most probable word by touching the space bar or a punctuation mark.

- **Auto capitalization:** T9 automatically capitalizes words in your text based on common usage, such as at the beginning of sentences.
- **Auto spacing:** Spaces are automatically inserted between words.
- **Auto punctuate:** a period and space are automatically entered to end a sentence, when you touch the space bar twice.
- **Keyboard swipe:** Choose None (disables Keyboard swipe), T9 Trace (lets you type words by swiping between letters), or Cursor control (lets you move the cursor by sliding your finger across the keyboard).
- **Key-tap feedback:**
 - Sound:** A sound plays for your key touches.
 - Vibration:** A vibration plays for your key touches.
 - Character preview:** Characters available on the key you touch display briefly as you enter text.
- **Tutorial:** View help for using T9 predictive text.
- **Reset settings:** Touch to reset Samsung keyboard settings to the defaults, except for My word list and the Auto substitution list.

- **Swype:** Touch  beside Swype to configure the following options.

— Settings

Vibrate on keypress: Your phone vibrates when you enter text using the onscreen keyboard.

Sound on keypress: A sound plays when you touch a keyboard key.

pop-up on keypress: Displays a character above an onscreen key while typing.

Show complete trace: Displays the complete Swype path for a word.

Auto-capitalization: Automatically capitalizes the first letter of a sentence.

Auto-spacing: Automatically inserts a space between words. When you finish a word, just lift your finger or stylus and start the next word.

Next word prediction: Predicts the next word in your text string based on your current text entries.

Show Voice key: Displays the Voice recognition key on the Swype keyboard.

— My Words

Backup & Sync: allows you to backup your Swype dictionary and sync your Swype dictionary across multiple devices.

Living Language: When enabled, this feature automatically updates your Swype dictionary with popular new words.

Social integration: When you sign in, Swype learns information from your Facebook, Twitter, and Gmail accounts to help you use Swype.

Edit my dictionary: Edit your personal Swype dictionary.

Clear language data: Deletes all of your personal language data, including your words.

Contribute usage data: When enabled, allows the Nuance® application to collect usage data for better word predictions.

Cellular data: When enabled, activates cellular data usage by the Swype application so it can receive program updates, language downloads, and other related features via your existing data connection.

- **Languages:** Activate and select the current text input language. Default language is US English.


Touch **English** to change the current language. After you change the language, it will be displayed instead of English. You must first select the Download languages option and download another language before it will appear here.

Touch **Download languages** to download more languages.

Touch a language under the **Active** heading to make it current.

- **Gestures:** View helpful information on using gestures while using Swype.
- **Help:** View an onscreen manual for Swype.

- **Updates:** Update Swype if new software is available.

- **Google voice typing:** When enabled, lets you vocally dictate the text entered into a field. Touch  beside Google voice typing to configure the following options:

- **Choose input languages:** Select languages for Google voice typing. Select **Automatic** to use the Default language exclusively, or choose other language(s).
- **Block offensive words:** When enabled, words many people find offensive are not shown in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
- **Offline speech recognition:** Enables voice input using Google voice typing while the phone is offline.

Speech

This menu allows you to set the speech settings for Voice input.

- Touch **Voice search** to configure the following:
 - **Language:** Choose a language for your voice input.
 - **“Ok Google” Hotword detection:** When enabled, you can launch voice search by saying the word “Ok Google”.
 - **Speech output:** Sets whether you will use speech output always or only when using hands-free.
 - **Block offensive words:** When enabled, blocks recognized offensive words from the results of your voice-input Google searches.
 - **Offline speech recognition:** Lets you download speech recognition software for different languages. Touch the ALL tab to display all available languages, then touch the language that you want.

- Touch **Text-to-speech options**. The following options are available:

- **Preferred TTS engine:** Select **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.

— Touch  next to the Preferred TTS engine to configure the following settings:

Language: allows you to set the language for spoken text.

Settings for Samsung text-to-speech engine: Allows you to select the language-specific voice for spoken text.

Settings for Google Text-to-speech Engine: Allows you to select the language-specific voice for spoken text. The following options are also available:

Auto-update voices: Touch to enable/disable.

Update voices over Wi-Fi only: When enabled, saves on data usage charges.

View Open Source Licenses: Display information about the Open Source Licenses involved in Google Text-to-speech Engine.

Install voice data: Download and install language-specific voice data for speech synthesis.

Speech rate: Set the speed at which the text is spoken.

Listen to an example: Play a sample of speech synthesis (available if voice data is installed).

Default language status: (not configurable) Displays the status of the currently selected language.

Note: Options may be different depending on the TTS engine you select.

Mouse/Trackpad


Customize the response of your screen swipes.

- From the **Language and input** screen, under **Mouse/trackpad**, touch **Pointer speed**, then touch and drag along the scale to set the pointer speed.

Motion


Motion lets you control a number of the phone's functions by moving your hand or finger across the screen in a particular pattern or by moving the phone itself in a particular way.

Note: For more information about using Motion, see *"Motion"* on page 21.

1. From the **My device** menu, touch the **Motion** slider, to turn Motion features ON .
2. Touch **Motion**.
3. Touch the following options to enable them:
 - **Direct call:** The device will dial the currently displayed onscreen Contact entry as soon as you place the device to your ear.
 - **Smart alert:** Pickup the device to be alerted and notified of you have missed any calls or messages.
 - **Double tap to top:** Double tap the top of the device to be taken to the top of the current onscreen list.
 - **Tilt to zoom:** You must be on a screen where content can be zoomed. In a single motion, touch and hold two points on the display then tilt the device back and forth to zoom in or out.

- **Pan to move icon:** Touch and hold a desired application shortcut icon or widget on the screen. Once it detaches, move the device left or right to migrate it to a new location.
- **Pan to browse images:** Touch and hold a desired onscreen image to pan around it. Move the device left or right to pan vertically or up and down to pan horizontally around the large onscreen image.
- **Shake to update:** Shake your device to re-scan for Bluetooth devices, re-scan for Wi-Fi devices, Refresh a Web page, etc.
- **Turn over to mute/pause:** Mute incoming calls and any playing sounds by turning the device display down on a surface. This is the opposite of the Pickup to be Notified Gesture.

Sensitivity settings and tutorial

4. Touch **Sensitivity settings**, then select Tilt to zoom, Pan to move icon, or Pan to browse images.
5. Adjust the selected **Sensitivity** setting by touching and dragging the slider to the left or right, then touch **OK**.
– or –
Touch **Test** and try out a new setting, then touch  **Back** → **OK**.
6. Touch **Learn about motions** to view help topics about motion settings.

Hand motions

7. Touch these Hand motions to create a check mark and enable them:
 - **Palm swipe to capture:** You can capture any onscreen information swiping across the screen. In a single motion, press the side of your hand on the screen and swipe from left to right. The image is then copied to the clipboard.

- **Palm touch to mute/pause:** Once enabled, you can pause any onscreen video or mute any current sound by simply covering the screen with your hand. Once you remove your hand from the screen, the device goes back to normal by either continuing to play the current video or un-muting the current sound.

8. Touch **Learn about hand motions** to read tutorial type information about hand motions.

Smart screen


The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From the **My device** menu, touch **Smart screen**.
2. Touch any of the following options to create a check mark and activate the features:
 - **Smart stay:** Disables the screen timeout if your phone detects that your face is watching the screen.
 - **Smart rotation:** Disables the auto screen rotation by checking the orientation of your face and the device.

Voice control

The Voice control settings allow you to set up voice commands to control your device.



Note: If you set the Alert type for calls or alarms to vibration, Voice control will not be available.

1. From the **My device** menu, touch **Voice control**.
2. Touch the **Voice control** slider  to turn Voice control ON.
3. Touch the following options to create a check mark and activate the feature:
 - **Incoming calls:** Answer or reject calls using the commands **Answer** and **Reject**.
 - **Alarm:** When enabled, lets you stop or snooze an alarm by using the commands **Stop** and **Snooze**.
 - **Camera:** Take pictures using the voice commands **Smile**, **Cheese**, **Capture**, or **Shoot**.
 - **Music:** Control the Music app using the voice commands **Next**, **Previous**, **Pause**, **Play**, **Volume Up**, and **Volume Down**.

Accounts

Your phone provides the ability to synchronize information, from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts.

- From the Home screen, touch  **Menu** → **Settings** →  **Accounts**.
The **Accounts** menu displays.

Add account

1. From the **Accounts** menu, touch **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.
A green circle will appear next to the account type once you have created an account. Your email account will also be displayed in the **Accounts** menu under **My Accounts**.

Backup options

Set options for backing up your information and resetting your device.

Cloud

- From the **Accounts** menu, under **Backup options**, touch **Cloud**. The **Cloud** screen appears. Personal data management and Content sync options are available.

Back Up and Reset

Set options for backing up your information and resetting your device.

- From the **Settings** screen, under **Personal**, touch **Backup and reset**. The **Backup and reset** screen displays.

Backup and Restore

- From the **Backup and reset** screen, under **Backup and restore**, touch the check box next to each of the following options to enable it. (When enabled, a check mark displays in the check box.)
 - **Back up my data**: Backs up app data, Wi-Fi passwords, and other phone settings to Google servers.

- **Backup account:** Select or set-up a Google Account the phone uses to backup your app data, Wi-Fi passwords, and other phone settings.
- **Automatic restore:** Automatically restores app data, Wi-Fi passwords, and other phone settings from your automatic backup.

Factory data reset



Use Factory data reset to return all settings to the defaults, and remove all data from the phone.

Important! Settings and data erased in a Factory data reset cannot be recovered.

To save your settings, you can use **Back up my data** before a Factory data reset.

- From the **Backup and reset** screen, under **Personal data**, touch **Factory data reset** to return all settings to the defaults, and remove all data from the phone.

More

- From the Home screen, touch  **Menu** → **Settings** →  **More**.

Location

Location services control your device's use of GPS signals. Some apps may require one or more location services be turned On for full app functionality.

GPS signals may be affected by your surroundings, including:

- Buildings
- Tunnels or underground structures
- Weather conditions
- High-voltage or electromagnetic fields
- Tinted windows

- From the **More** menu, touch **Location**. The **Location** screen displays.
 - **Mode:** Select the location mode to use:
 - **High Accuracy:** Use GPS, Wi-Fi and mobile networks to estimate your location.
 - **Power saving:** Use Wi-Fi and mobile networks to estimate your location.
 - **GPS Only:** Use GPS only to estimate your location.

Note: **GPS** must be enabled to use some applications. You can also enable or disable **GPS** from the Notifications panel. For more information, refer to “*Notifications*” on page 26..

Important! By selecting **GPS**, you are allowing access to all location information by any third party through web access or any software or peripheral components you choose to install, download, add, or attach to the device or any other means.

- **Recent location requests:** Displays the most recent applications to request your location.
- **Location Services:** Displays the location service in use, such as Google Location Reporting.
- **My Places:** You can save your favorite locations for use with applications that require them, such as Home, Office, Car, etc.

Security

- From the **More** menu, touch **Security**. The **Security** menu displays. The following options are available:

- **Encryption**

As a security measure, you can encrypt the contents of the phone or an installed memory card, and require a password each time you turn on the phone or access the memory card.

Encryption may take an hour or more to complete. Start with a charged battery, and attach the charger until encryption is complete. Loss of power or other interruption may cause the loss of some or all data.

Once your information is encrypted you are prompted to enter your decryption password each time you turn the phone on.

- **Encrypt device:** Touch this option to encrypt accounts, settings, downloaded applications and data, media files, and more under a password you specify.
- **Encrypt external SD card:** Touch this option to encrypt All information stored on a microSD memory card, or only files created by your phone, under a password you specify.

- **Passwords**

- **Make passwords visible:** Briefly displays password characters as you enter them.

- **Device Administration**

View or disable device administrators. Some applications, such as corporate Email, may require you allow access to your device by device administrators in certain circumstances, such as if the phone is lost or stolen.

- **Device administrators:** View, add, or remove device administrators.
- **Unknown sources:** Install applications from sources other than Google Play Store.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

- **Verify apps:** Displays a warning when your device determines an application may harm it.

- **Security update service**

- **Security policy update:** Select whether changes to security policy automatically download and update, and whether to use Wi-Fi networks or the mobile network, or Wi-Fi networks only for security policy downloads (automatic or manual).
- **Send security reports:** Send security reports automatically to Samsung for threat analysis.

- **Credential Storage**

You can install credentials with an application, from device storage, or from an installed memory card, and use the **Credential storage** settings to allow applications to access the secure certificates and other credentials.

- **Storage type:** Software only (this option cannot be changed).
- **Trusted credentials:** View, enable, or disable trusted CA certificates.

- **Install from device storage:** Install encrypted certificates from an installed memory card.

Note: To use this feature, you must first install a memory card containing encrypted certificates. For more information, refer to *"Installing a Memory Card"* on page 7..

- **Clear credentials:** Clear stored credentials and reset the password.

Note: This setting is only available if you have installed certificates.

Application Manager

You can download and install applications from the Google Play Store, the Samsung Apps, or create applications using the Android SDK and install them on the phone. Use Application manager to manage applications on the phone.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

1. From the **More** menu, touch **Applications manager**. The **Applications manager** screen displays.
2. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to list the statuses of applications and services. The graph at the bottom of the **DOWNLOADED** tab shows used and free Device memory. The graph at the bottom of the **SD CARD** tab shows used and free USB storage. The graph at the bottom of the **RUNNING** tab shows used and free RAM.
3. Touch an app or service to display the **App info** or **Active app** screen which provides more detailed storage usage information, and lets you Stop/Force stop or Uninstall/Report and app or service. For Downloaded apps, you can also Clear data, Clear cache, and/or Clear defaults.

Default Applications

For more information, refer to *"Default messaging app"* on page 134..

Battery

See how much battery power is used by device activities.

1. From the **More** menu, touch **Battery**. The **Battery** screen displays.
2. Touch **Show battery percentage** to enable/disable the display of battery charge percentage beside the battery status icon. (When an option is enabled, a check mark displays in its check box.)
3. View battery usage for applications and services currently running.

Storage

Manage the use of memory resources in the phone's Device memory, and on an installed memory card.

- From the **More** menu, touch **Storage**. The **Storage** screen displays. The following options are available:
 - **Device memory**: View usage for, and manage, the phone's internal memory. For detailed information and to manage storage in use, touch any item except **Total space** or **Available space**:
 - **Total space**: Shows the total installed device memory.

- **System memory**: Shows the minimum amount of device storage required to run the system.
 - **Used space**: Shows the total among of storage space being used.
 - **Cached data**: Shows the total storage space being used to store app data for immediate reuse.
 - **Applications**: Shows the total device memory currently used to store applications.
 - **Pictures, videos**: Shows the total device memory currently used to store pictures and videos.
 - **Audio**: Shows the total device memory currently used to store music files, ringtones, and so on.)
 - **Downloads**: Shows the total device memory currently used to store recently downloaded files.
 - **Miscellaneous files**: Shows the total device memory currently used to store various application data and system data files.
 - **Available space**: Shows the total device memory available for use.
- **SD card**: View usage for, and manage, storage space on an optional memory card.
 - **Total space**: Shows the total card memory.

- **Available space:** Shows the total card memory available for use.
- **Unmount SD card:** Deactivates the memory card so that you can safely remove it or format it. For more information, see “*Unmounting the Memory Card*” on page 35.
- **Format SD card:** Deletes all data from the memory card, including music, videos, and photos. For more information, see “*Erasing Files from a Memory Card*” on page 36.

Date and Time

By default, the phone receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From the **More** menu, touch **Date and time**.
2. Touch a setting to configure:
 - **Automatic date and time:** Uses the date and time updates from the wireless network. This disables Set date, Set time, and Select time zone.
 - **Set date:** Enter the current date (only available when Automatic date and time is disabled).

- **Set time:** Enter the current time (only available when Automatic date and time is disabled).
- **Automatic time zone:** Uses the network-provided time zone.
- **Select time zone:** Choose your local time zone (only available when Automatic date and time is disabled).
- **Use 24-hour format:** When enabled, uses 24-hour time display.
- **Select date format:** Set the format for date displays.

About Device

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernel version, and software build number.

To access phone information:


1. From the **More** menu, touch **About device**.
2. The following information displays:
 - **System updates:** allows you to update your phone software, if available. For more information, refer to “*System updates*” on page 164.

- **Status:** displays the Battery status, Battery level (percentage), Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, My phone number, MIN number, PRL version, MEID version, IMEI number, ICCID number, IP address, Wi-Fi MAC address (if Wi-Fi is ON), Bluetooth address (if Bluetooth is ON), Up time, and Device status.
- **Legal information:** This option displays information about Open source licenses, Google legal information, Privacy Alert, and License settings. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
- **Device name:** Shows the default Device name used with your device's communications features. To change the Device name, touch this option, enter your desired changes, and touch OK.
- **Model number:** Shows the phone's model number.
- **Android version:** Shows the android version loaded on this handset.
- **Baseband version:** Shows the baseband version loaded on this handset.
- **Kernel version:** Shows the kernel version loaded on this handset.
- **Build number:** Shows the software, build number.
- **SE for Android status:** Shows the status of SE for Android. SE for Android is a set of security policies/modules which is applied to the device to improve the overall security.

System updates

System updates lets you use your phone to connect to the network and download any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

Tip: For best results, before launching System updates, connect your device to a Wi-Fi Access Point. For more information, refer to *"Scanning and Connecting to a Wi-Fi Network"* on page 115..

1. From the **More** menu, touch **About device** → **System updates**.
2. Touch **Check now** to check for updates.
3. The phone automatically updates the software (if an update is available); otherwise, when the **Your system is up to date** prompt displays, touch  **Back** to return to the **About device** screen.

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